

# Hyperfocale afstand tabel

full frame

	<b>f/2.8</b>	<b>f/4</b>	<b>f/5.6</b>	<b>f/8</b>	<b>f/11</b>	<b>f/16</b>	<b>f/22</b>
<b>16 mm</b>	<b>3.0</b> (1.5 - ∞)	<b>2.1</b> (1.1 - ∞)	<b>1.5</b> (0.8 - ∞)	<b>1.1</b> (0.6 - ∞)	<b>0.8</b> (0.4 - ∞)	<b>0.6</b> (0.3 - ∞)	<b>0.4</b> (0.2 - ∞)
<b>18 mm</b>	<b>3.8</b> (1.9 - ∞)	<b>2.7</b> (1.4 - ∞)	<b>1.9</b> (1.0 - ∞)	<b>1.4</b> (0.7 - ∞)	<b>1.0</b> (0.5 - ∞)	<b>0.7</b> (0.4 - ∞)	<b>0.5</b> (0.3 - ∞)
<b>20 mm</b>	<b>4.7</b> (2.4 - ∞)	<b>3.4</b> (1.7 - ∞)	<b>2.4</b> (1.2 - ∞)	<b>1.7</b> (0.9 - ∞)	<b>1.2</b> (0.6 - ∞)	<b>0.8</b> (0.4 - ∞)	<b>0.6</b> (0.3 - ∞)
<b>24 mm</b>	<b>6.8</b> (3.4 - ∞)	<b>4.8</b> (2.4 - ∞)	<b>3.4</b> (1.7 - ∞)	<b>2.4</b> (1.2 - ∞)	<b>1.7</b> (0.9 - ∞)	<b>1.2</b> (0.6 - ∞)	<b>0.9</b> (0.4 - ∞)
<b>28 mm</b>	<b>9.3</b> (4.6 - ∞)	<b>6.6</b> (3.3 - ∞)	<b>4.6</b> (2.3 - ∞)	<b>3.3</b> (1.7 - ∞)	<b>2.3</b> (1.2 - ∞)	<b>1.6</b> (0.8 - ∞)	<b>1.2</b> (0.6 - ∞)
<b>35 mm</b>	<b>14.5</b> (7,3 - ∞)	<b>10.2</b> (5,1 - ∞)	<b>7.3</b> (3,6 - ∞)	<b>5.1</b> (2,6 - ∞)	<b>3.6</b> (1,8 - ∞)	<b>2.6</b> (1.3 - ∞)	<b>1.8</b> (0.9 - ∞)
<b>50 mm</b>	<b>29.5</b> (14.8 - ∞)	<b>20.9</b> (10.4 - ∞)	<b>14.8</b> (7.4 - ∞)	<b>10.5</b> (5.2 - ∞)	<b>7.4</b> (3.7 - ∞)	<b>5.2</b> (2.6 - ∞)	<b>3.7</b> (1.9 - ∞)
<b>80 mm</b>	<b>75.5</b> (37.8 - ∞)	<b>53.4</b> (26.8 - ∞)	<b>37.8</b> (18.9 - ∞)	<b>26.7</b> (13.4 - ∞)	<b>18.5</b> (9.5 - ∞)	<b>13.4</b> (6,7 - ∞)	<b>9.5</b> (4.8 - ∞)
<b>100 mm</b>	<b>117</b> (59 - ∞)	<b>83.4</b> (42 - ∞)	<b>59</b> (30 - ∞)	<b>41.8</b> (21 - ∞)	<b>29.6</b> (15 - ∞)	<b>20.9</b> (10.5 - ∞)	<b>14.8</b> (7.4 - ∞)
<b>135 mm</b>	<b>215</b> (108 - ∞)	<b>152</b> (76 - ∞)	<b>108</b> (54 - ∞)	<b>76.1</b> (38 - ∞)	<b>53.8</b> (27 - ∞)	<b>38.1</b> (19 - ∞)	<b>27.0</b> (13.5 - ∞)
<b>200 mm</b>	<b>472</b> (236 - ∞)	<b>334</b> (167 - ∞)	<b>236</b> (118 - ∞)	<b>167</b> (84 - ∞)	<b>118</b> (59 - ∞)	<b>83.5</b> (42 - ∞)	<b>59.2</b> (30 - ∞)

hyperfocale afstand in meters voor een **full frame camera** (incl tussen haakjes het gebied dat scherp wordt)

# Hyperfocale afstand tabel

APS-C crop camera

	<b>f/2.8</b>	<b>f/4</b>	<b>f/5.6</b>	<b>f/8</b>	<b>f/11</b>	<b>f/16</b>	<b>f/22</b>
<b>10 mm</b>	<b>1.8</b> (0.9 - ∞)	<b>1.3</b> (0.6 - ∞)	<b>0.9</b> (0.5 - ∞)	<b>0.6</b> (0.3 - ∞)	<b>0.4</b> (0.2 - ∞)	<b>0.3</b> (0.16 - ∞)	<b>0.2</b> (0.12 - ∞)
<b>12 mm</b>	<b>2.6</b> (1.3 - ∞)	<b>1.8</b> (0.9 - ∞)	<b>1.3</b> (0.7 - ∞)	<b>0.9</b> (0.5 - ∞)	<b>0.6</b> (0.3 - ∞)	<b>0.5</b> (0.24 - ∞)	<b>0.3</b> (0.17 - ∞)
<b>14 mm</b>	<b>3.5</b> (1.8 - ∞)	<b>2.5</b> (1.3 - ∞)	<b>1.7</b> (0.9 - ∞)	<b>1.2</b> (0.6 - ∞)	<b>0.9</b> (0.5 - ∞)	<b>0.6</b> (0.3 - ∞)	<b>0.4</b> (0.2 - ∞)
<b>16 mm</b>	<b>4.5</b> (2.3 - ∞)	<b>3.2</b> (1.6 - ∞)	<b>2.3</b> (1.2 - ∞)	<b>1.6</b> (0.8 - ∞)	<b>1.1</b> (0.6 - ∞)	<b>0.8</b> (0.4 - ∞)	<b>0.6</b> (0.3 - ∞)
<b>18 mm</b>	<b>5.7</b> (2.9 - ∞)	<b>4.1</b> (2.1 - ∞)	<b>2.9</b> (1.5 - ∞)	<b>2.0</b> (1.0 - ∞)	<b>1.4</b> (0.7 - ∞)	<b>1.0</b> (0.5 - ∞)	<b>0.7</b> (0.4 - ∞)
<b>20 mm</b>	<b>7.1</b> (3.6 - ∞)	<b>5.0</b> (2.6 - ∞)	<b>3.5</b> (1.8 - ∞)	<b>2.5</b> (1.3 - ∞)	<b>1.8</b> (0.9 - ∞)	<b>1.3</b> (0.7 - ∞)	<b>0.9</b> (0.5 - ∞)
<b>24 mm</b>	<b>10.4</b> (5.2 - ∞)	<b>7.3</b> (3.7 - ∞)	<b>5.2</b> (2.6 - ∞)	<b>3.7</b> (1.9 - ∞)	<b>2.6</b> (1.3 - ∞)	<b>1.8</b> (0.9 - ∞)	<b>1.3</b> (0.7 - ∞)
<b>28 mm</b>	<b>14.1</b> (7.1 - ∞)	<b>10.0</b> (5.0 - ∞)	<b>7.1</b> (3.5 - ∞)	<b>5.0</b> (2.5 - ∞)	<b>3.6</b> (1.8 - ∞)	<b>2.5</b> (1.3 - ∞)	<b>1.8</b> (0.9 - ∞)
<b>35 mm</b>	<b>22.1</b> (11.1 - ∞)	<b>15.6</b> (7.8 - ∞)	<b>11.1</b> (5.5 - ∞)	<b>7.8</b> (3.9 - ∞)	<b>5.6</b> (2.8 - ∞)	<b>4.0</b> (2.0 - ∞)	<b>2.8</b> (1.4 - ∞)
<b>50 mm</b>	<b>45.0</b> (22.5 - ∞)	<b>31.9</b> (16.0 - ∞)	<b>22.6</b> (11.3 - ∞)	<b>16.0</b> (8.0 - ∞)	<b>11.3</b> (5.7 - ∞)	<b>8.0</b> (4.0 - ∞)	<b>5.7</b> (2.8 - ∞)
<b>80 mm</b>	<b>115.4</b> (57.7 - ∞)	<b>81.6</b> (40.8 - ∞)	<b>57.7</b> (28.9 - ∞)	<b>40.8</b> (20.4 - ∞)	<b>28.9</b> (14.5 - ∞)	<b>20.5</b> (10.2 - ∞)	<b>14.5</b> (7.3 - ∞)
<b>100 mm</b>	<b>180,2</b> (90.1 - ∞)	<b>127.5</b> (63.7 - ∞)	<b>90.2</b> (45.1 - ∞)	<b>63.8</b> (31.9 - ∞)	<b>45.1</b> (22.6 - ∞)	<b>31.9</b> (16.0 - ∞)	<b>22.6</b> (11.3 - ∞)
<b>135 mm</b>	<b>328.4</b> (164.2 - ∞)	<b>232.3</b> (116.1 - ∞)	<b>164.3</b> (82.1 - ∞)	<b>116.2</b> (58.1 - ∞)	<b>82.2</b> (41.1 - ∞)	<b>58.2</b> (29.1 - ∞)	<b>41.2</b> (20.6 - ∞)
<b>200 mm</b>	<b>720.8</b> (360.4 - ∞)	<b>509.7</b> (254.9 - ∞)	<b>360.5</b> (180.2 - ∞)	<b>255.0</b> (127.5 - ∞)	<b>180.3</b> (90.2 - ∞)	<b>127.6</b> (63.8 - ∞)	<b>90.3</b> (45.1 - ∞)

hyperfocale afstand in meters voor een **APS-C crop camera** (incl tussen haakjes het gebied dat scherp wordt)