

Converting Colors

CIELCh(65, 3.635, 206.582)

Have a look what the booklet for
CIELCh(65, 3.635, 206.582) contains.

CIELCh(65, 3.753, 199.193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 3.753, 199.193)

Conversions

Conversions Part 1

Format	Color
Hex	96A0A0
RGB	150, 160, 160
RGB Percent	59%, 63%, 63%
CMY	0.4127, 0.3735, 0.3735
CMYK	0.06, 0.00, 0.00, 0.37
HSL	180°, 5%, 61%
HSV	180°, 6%, 63%
XYZ	31.3852, 34.0472, 38.0628
YIQ	157.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

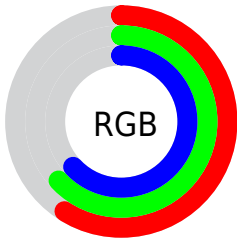
Format	Color
R_{YB}	150, 155, 160
Decimal	9871520
CIE Lab	65.00, -3.54, -1.23
CIE LCh	65, 3.753, 199.193
Yxy	34.0472, 0.3033, 0.3290
Android (android.graphics.Color)	4288061600 (0xFF96A0A0)
YUV	157.0100, 1.4741, -6.1478
Hunter-Lab	58.3500, -6.1010, 2.1689

Details

The CIELCh color $65, 3.753, 199.193$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 3.901, 19.642$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 3.917, 199.272$, and $45, 3.998, 199.021$ is the 20% darker color. If you saturate the color by 10%, you get $64, 9.503, 198.584$, and if you desaturate by 10%, it is $66, 2.293, 19.389$.

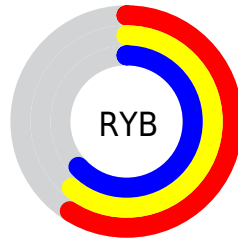
Distribution



Red (59%)

Green (63%)

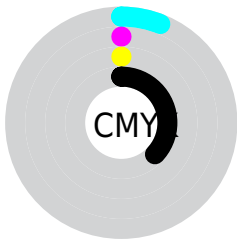
Blue (63%)



Red (59%)

Yellow (61%)

Blue (63%)

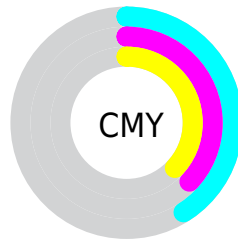


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 3.753, 199.193 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 3.753, 199.193 by changing the saturation by 10% instead.

■ 65, 3.753, 199.193

■ 65, 3.753, 199.193

■ 100, 3.753,
199.193

■ 55, 3.753, 199.193

■ 85, 3.753, 199.193

■ 45, 3.753, 199.193

■ 95, 3.753, 199.193

■ 35, 3.753, 199.193

■ 25, 3.753, 199.193

■ 15, 3.753, 199.193

■ 5, 3.753, 199.193

■ 0, 3.753, 199.193

■ 65, 3.753, 199.193

■ 65, 3.753, 199.193

■ 64, 9.503, 198.584

■ 66, 2.293, 19.389

63, 14.863,
198.097

68, 8.557, 20.111

62, 19.742,
197.668

69, 14.969, 20.727

61, 24.046,
197.297

71, 21.469, 21.343

61, 27.696,
196.988

74, 34.563, 22.580

60, 30.630,
196.742

75, 38.402, 22.940

60, 32.822,
196.560

75, 38.402, 22.937

60, 34.283,
196.438

75, 38.401, 22.934

60, 35.096,
196.369

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 3.753, 199.193



63, 3.901, 19.642

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 3.753, 199.193



65, 3.753, 249.193



65, 3.753, 19.193



65, 3.753, 69.193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 3.754, 199.171



83, 1.492, 199.652



65, 6.751, 143.688



44, 0.855, 199.682



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 3.754, 199.171



82, 5.889, 199.043



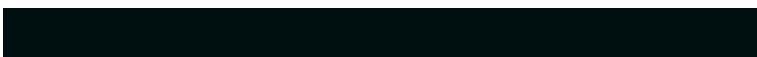
64, 3.296, 254.451



33, 3.339, 198.975



54, 32.549, 196.349



3, 4.473, 199.396

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63, 3.901, 19.642



78, 6.191, 19.794



64, 3.341, 72.767



31, 3.534, 19.880



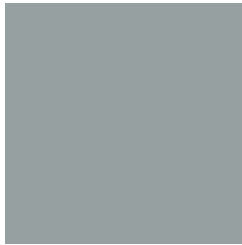
29, 67.083, 39.151



1, 4.473, 19.385

Previews

White Background



This preview shows how the CIELCh color 65, 3.753, 199.193 looks on a white background.

Color Contrast Check

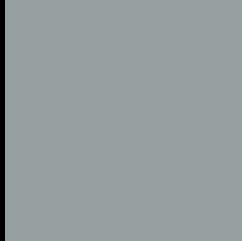
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 65, 3.753, 199.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

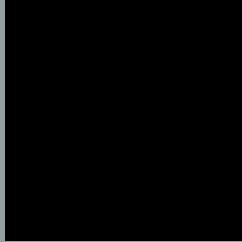
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

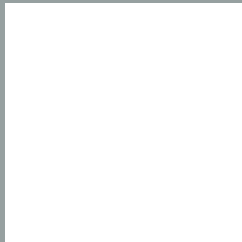
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 3.753, 199.193

Background



This preview shows how black text looks on a background with the CIELCh color 65, 3.753, 199.193.



This preview shows how white text looks on a background with the CIELCh color 65, 3.753, 199.193.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

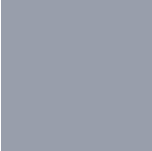
65, 3.753, 199.193

Protanopia

65, 1.285, 353.551

Deuteranopia

65, 8.245, 347.627



Tritanopia
65, 7.509, 273.961

Trichromacy



Original Color
65, 3.753, 199.193

Protanomaly
65, 0.937, 236.284

Deuteranomaly
65, 4.549, 332.589

Tritanomaly
65, 5.287, 256.703

Monochromacy



Original Color
65, 3.753, 199.193

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.517, 199.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 3.753, 199.193 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(150, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(150, 160, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(150, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 160, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 3.753, 199.193 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 160, 160) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(150, 160, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(150, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(150, 160,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 3.753, 199.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 160, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(150,  
160, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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