

Converting Colors

CIELCh(35, 11.546, 203.954)

Have a look what the booklet for
CIELCh(35, 11.546, 203.954)
contains.

CIELCh(35, 11.483, 204.199)	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(35, 11.483, 204.199)

Conversions

Conversions Part 1

Format	Color
Hex	395759
RGB	57, 87, 89
RGB Percent	22%, 34%, 35%
CMY	0.7748, 0.6571, 0.6493
CMYK	0.36, 0.02, 0.00, 0.65
HSL	184°, 22%, 29%
HSV	184°, 36%, 35%
XYZ	6.9770, 8.4984, 10.8203
YIQ	78.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

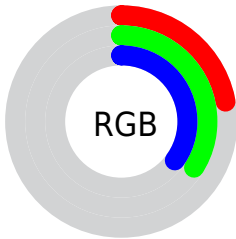
Format	Color
RYB	57, 72, 89
Decimal	3757913
CIELab	35.00, -10.47, -4.71
CIELCh	35, 11.483, 204.199
Yxy	8.4984, 0.2653, 0.3232
Android (android.graphics.Color)	4281947993 (0xFF395759)
YUV	78.2580, 5.2958, -18.6433
Hunter-Lab	29.1520, -8.2951, -1.6001

Details

The CIELCh color **35, 11.483, 204.199** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28, 14.532, 26.981**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 11.395, 204.155**, and **15, 11.695, 204.007** is the 20% darker color. If you saturate the color by 10%, you get **34, 14.085, 204.156**, and if you desaturate by 10%, it is **36, 8.574, 204.332**.

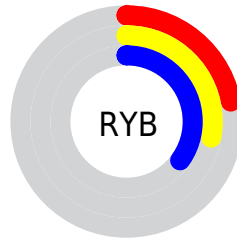
Distribution



Red (22%)

Green (34%)

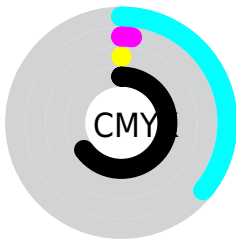
Blue (35%)



Red (22%)

Yellow (28%)

Blue (35%)

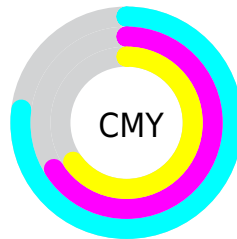


Cyan (36%)

Magenta (2%)

Yellow (0%)

Black (65%)



Cyan (77%)


Magenta (66%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 11.483, 204.199 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 35, 11.483, 204.199 by changing the saturation by 10% instead.


 35, 11.483,
204.199


 35, 11.483,
204.199

 100, 11.483,
204.199


 25, 11.483,
204.199

 55, 11.483,
204.199


 15, 11.483,
204.199


 65, 11.483,
204.199

 5, 11.483, 204.199

 75, 11.483,
204.199

 0, 11.483, 204.199

 85, 11.483,
204.199

 95, 11.483,
204.199

■ 35, 11.483,
204.199

■ 35, 11.483,
204.199

■ 34, 14.085,
204.156

■ 36, 8.574, 204.332

■ 34, 16.333,
204.227

■ 37, 5.408, 204.557

■ 37, 2.032, 204.920

■ 33, 18.189,
204.426

■ 38, 1.508, 24.879

■ 33, 19.625,
204.768

■ 39, 5.173, 25.383

■ 41, 8.927, 25.797

■ 32, 20.634,
205.272

■ 42, 12.742, 26.217

■ 32, 21.334,
205.893

■ 43, 16.595, 26.648

■ 44, 20.466, 27.086

■ 32, 21.628,
206.142

Harmonies

Complementary

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



35, 11.483, 204.199



28, 14.532, 26.981

Rectangle

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



35, 11.483, 204.199



35, 11.483, 254.199



35, 11.483, 24.199



35, 11.483, 74.199

Sweetspot

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



35, 11.483, 204.195



48, 4.765, 204.690



35, 23.430, 143.408



24, 3.163, 204.665



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



35, 11.483, 204.195



45, 16.642, 204.155



30, 12.312, 266.035



18, 1.995, 204.780



39, 24.905, 206.415



81, 43.710, 207.126

Inverse Universe

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



29, 23.227, 328.022



36, 34.622, 328.460



33, 13.123, 76.352



17, 3.707, 326.597



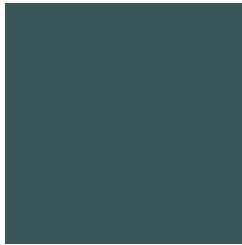
25, 59.229, 330.753



55, 104.081, 330.929

Previews

White Background



This preview shows how the CIELCh color 35, 11.483, 204.199 looks on a white 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

Black Background



This preview shows how the CIE LCh color 35, 11.483, 204.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

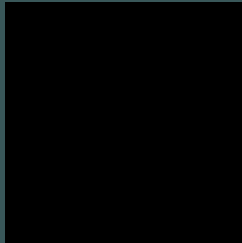
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

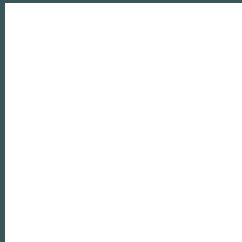
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 11.483, 204.199

Background



This preview shows how black text looks on a background with the CIELCh color 35, 11.483, 204.199.



This preview shows how white text looks on a background with the CIELCh color 35, 11.483, 204.199.

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
35, 11.483, 204.199

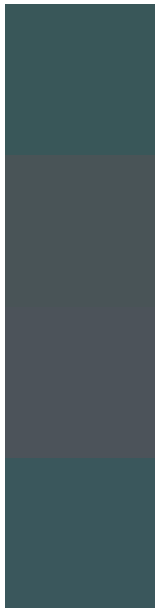
Protanopia
35, 2.499, 290.612

Deuteranopia
35, 7.347, 311.115



Tritanopia
35, 11.213, 221.229

Trichromacy



Original Color
35, 11.483, 204.199

Protanomaly
35, 4.827, 221.790

Deuteranomaly
35, 5.154, 257.405

Tritanomaly
35, 11.269, 214.234

Monochromacy



Original Color
35, 11.483, 204.199

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.585, 206.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 11.483, 204.199 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(57, 87, 89)` looks like.

```
.text, #text, p{  
    color:rgb(57, 87, 89)  
}
```

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(57, 87, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 87, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 11.483, 204.199 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(57, 87, 89) }
```

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

```
.border{ border-color:rgb(57, 87, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 87, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 87, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 87, 89);  
box-shadow:4px 4px 4px 4px rgb(57, 87, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 11.483, 204.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 87, 89) }
```

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

```
.background{ background-color: rgb(57, 87,  
89) }
```

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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