

Converting Colors

CIE LCh(58, 10.415, 201.020)

Have a look what the booklet for
CIELCh(58, 10.415, 201.020)
contains.

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Color

CIELCh(58, 10.650, 201.513)

Conversions

Conversions Part 1

Format	Color
Hex	749192
RGB	116, 145, 146
RGB Percent	45%, 57%, 57%
CMY	0.5458, 0.4321, 0.4282
CMYK	0.21, 0.01, 0.00, 0.43
HSL	182°, 12%, 51%
HSV	182°, 21%, 57%
XYZ	22.4464, 25.9610, 30.9432
YIQ	136.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

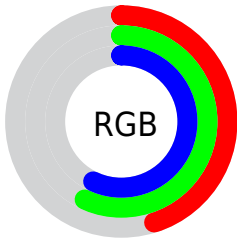
Format	Color
R_{YB}	116, 131, 146
Decimal	7639442
CIE _{Lab}	58.00, -9.91, -3.91
CIE _{LCh}	58, 10.650, 201.513
Yxy	25.9610, 0.2829, 0.3272
Android (android.graphics.Color)	4285829522 (0xFF749192)
YUV	136.4430, 4.7116, -17.9285
Hunter-Lab	50.9519, -10.5295, -0.3406

Details

The CIELCh color **58, 10.650, 201.513** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **52, 12.173, 23.458**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 10.542, 201.586**, and **38, 10.770, 201.359** is the 20% darker color. If you saturate the color by 10%, you get **57, 15.285, 201.190**, and if you desaturate by 10%, it is **59, 5.632, 201.909**.

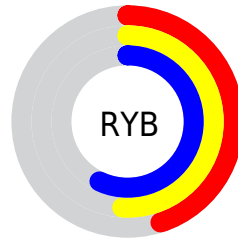
Distribution



Red (45%)

Green (57%)

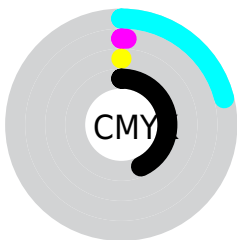
Blue (57%)



Red (45%)

Yellow (51%)

Blue (57%)

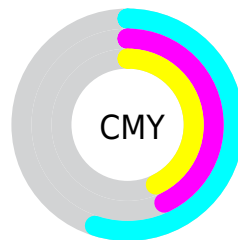


Cyan (21%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (55%)


Magenta (43%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 10.650, 201.513 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 58, 10.650, 201.513 by changing the saturation by 10% instead.


 58, 10.650,
201.513


 58, 10.650,
201.513


 100, 10.650,
201.513


 48, 10.650,
201.513


 78, 10.650,
201.513

 38, 10.650,
201.513

 88, 10.650,
201.513

 28, 10.650,
201.513

 98, 10.650,
201.513

 18, 10.650,
201.513

 8, 10.650, 201.513

 0, 10.650, 201.513

■ 58, 10.650,
201.513

■ 58, 10.650,
201.513

■ 57, 15.285,
201.190

■ 59, 5.632, 201.909

■ 56, 19.451,
200.954

■ 60, 0.311, 203.658

■ 62, 5.238, 22.621

■ 55, 23.070,
200.806

■ 63, 10.951, 23.151

■ 55, 26.070,
200.757

■ 65, 16.774, 23.673

■ 66, 22.662, 24.203

■ 54, 28.406,
200.818

■ 68, 28.579, 24.737

■ 54, 30.061,
200.996

■ 70, 34.498, 25.272

■ 72, 40.399, 25.805

■ 53, 31.058,
201.298

■ 53, 31.589,

Harmonies

Complementary

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



58, 10.650, 201.513



52, 12.173, 23.458

Rectangle

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



58, 10.650, 201.513



58, 10.650, 251.513



58, 10.650, 21.513



58, 10.650, 71.513

Sweetspot

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



58, 10.650, 201.507



76, 3.988, 202.144



58, 20.626, 143.603



39, 2.633, 202.110



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 10.650, 201.507



73, 15.713, 201.341



54, 10.258, 260.112



31, 3.055, 201.974



50, 30.307, 201.635



2, 2.736, 202.290

Inverse Universe

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



52, 20.411, 326.444



65, 30.614, 326.711



56, 10.754, 74.681



29, 5.646, 325.815



32, 71.251, 329.566



1, 4.911, 325.338

Previews

White Background



This preview shows how the CIELCh color 58, 10.650, 201.513 looks on a white background.

Color Contrast Check

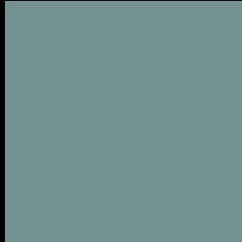
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 10.650, 201.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

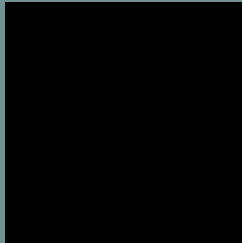
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 10.650, 201.513

Background



This preview shows how black text looks on a background with the CIELCh color 58, 10.650, 201.513.



This preview shows how white text looks on a background with the CIELCh color 58, 10.650, 201.513.

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
58, 10.650, 201.513

Protanopia
58, 2.575, 317.352

Deuteranopia
58, 9.205, 326.918



Tritanopia
58, 11.081, 236.967

Trichromacy



Original Color
58, 10.650, 201.513

Protanomaly
58, 3.471, 228.763

Deuteranomaly
58, 4.603, 281.203

Tritanomaly
58, 10.626, 224.080

Monochromacy



Original Color
58, 10.650, 201.513

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.864, 207.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 10.650, 201.513 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(116, 145, 146)` looks like.

```
.text, #text, p{  
    color:rgb(116, 145, 146)  
}
```

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(116, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 145, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 10.650, 201.513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

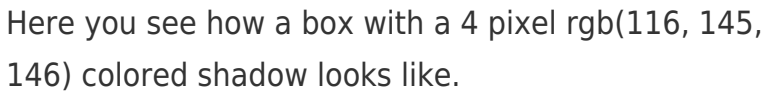
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 145, 146) }
```

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

```
.border{ border-color:rgb(116, 145, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 145, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 145, 146); box-shadow:4px 4px 4px 4px rgb(116, 145, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 10.650, 201.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 145, 146) }
```

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

```
.background{ background-color: rgb(116,  
145, 146) }
```

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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