

Converting Colors

CIELCh(61, 6.497, 216.650)

Have a look what the booklet for
CIELCh(61, 6.497, 216.650) contains.

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Color

CIELCh(61, 6.644, 218.800)

Conversions

Conversions Part 1

Format	Color
Hex	85969A
RGB	133, 150, 154
RGB Percent	52%, 59%, 60%
CMY	0.4774, 0.4107, 0.3950
CMYK	0.14, 0.03, 0.00, 0.40
HSL	191°, 9%, 56%
HSV	191°, 14%, 60%
XYZ	26.5186, 29.2481, 34.9372
YIQ	145.3730, -11.4160, -2.3600

Conversions

Conversions Part 2

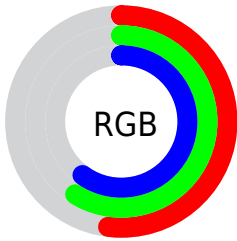
Format	Color
R_{YB}	133, 142, 154
Decimal	8754842
CIE _{Lab}	61.00, -5.18, -4.16
CIE _{LCh}	61, 6.644, 218.800
Yxy	29.2481, 0.2924, 0.3225
Android (android.graphics.Color)	4286944922 (0xFF85969A)
YUV	145.3730, 4.2531, -10.8511
Hunter-Lab	54.0815, -7.1163, -0.4448

Details

The CIELCh color $61, 6.644, 218.800$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.236, 38.141$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.664, 217.690$, and $41, 6.675, 220.165$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.189, 219.191$, and if you desaturate by 10%, it is $63, 1.809, 218.685$.

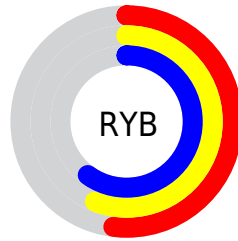
Distribution



Red (52%)

Green (59%)

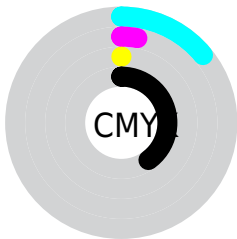
Blue (60%)



Red (52%)

Yellow (56%)

Blue (60%)

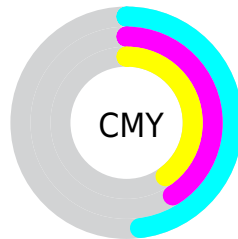


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (40%)



Cyan (48%)

Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.644, 218.800 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 61, 6.644, 218.800 by changing the saturation by 10% instead.

■ 61, 6.644, 218.800

■ 61, 6.644, 218.800

■ 100, 6.644,
218.800

■ 51, 6.644, 218.800

■ 81, 6.644, 218.800

■ 41, 6.644, 218.800

■ 91, 6.644, 218.800

■ 31, 6.644, 218.800

■ 21, 6.644, 218.800

■ 11, 6.644, 218.800

■ 1, 6.644, 218.800

■ 0, 6.644, 218.800

■ 61, 6.644, 218.800

■ 61, 6.644, 218.800

■ 59, 11.189,

■ 63, 1.809, 218.685

219.191

65, 3.253, 38.132

57, 15.373,
219.801

67, 8.488, 38.140

56, 19.123,
220.653

69, 13.849, 38.153

54, 22.369,
221.803

72, 19.300, 38.207

53, 25.049,
223.318

74, 24.808, 38.297

51, 27.131,
225.273

76, 30.350, 38.414

50, 28.615,
227.744

78, 35.233, 38.831

49, 29.559,
230.791

79, 34.646, 41.599

48, 30.037,
232.892

Harmonies

Complementary

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



61, 6.644, 218.800



59, 7.236, 38.141

Rectangle

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



61, 6.644, 218.800



61, 6.644, 268.800



61, 6.644, 38.800



61, 6.644, 88.800

Sweetspot

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



61, 6.644, 218.787



80, 2.484, 218.668



62, 12.683, 149.091



42, 1.776, 218.651



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 6.644, 218.787



77, 9.631, 218.877



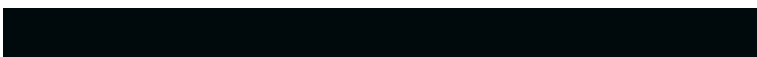
58, 8.469, 274.231



31, 2.770, 218.678



44, 28.004, 232.552



2, 3.041, 219.949

Inverse Universe

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



58, 12.659, 331.000



73, 18.511, 331.171



61, 8.464, 90.766



30, 5.205, 330.720



31, 64.083, 337.328



1, 5.537, 330.663

Previews

White Background



This preview shows how the CIELCh color 61, 6.644, 218.800 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 61, 6.644, 218.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

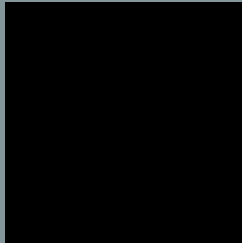
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

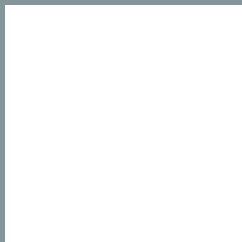
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 6.644, 218.800

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.644, 218.800.



This preview shows how white text looks on a background with the CIELCh color 61, 6.644, 218.800.

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

61, 6.644, 218.800

Protanopia

61, 3.481, 303.242

Deuteranopia

61, 9.115, 326.892



Tritanopia
61, 8.571, 251.350

Trichromacy



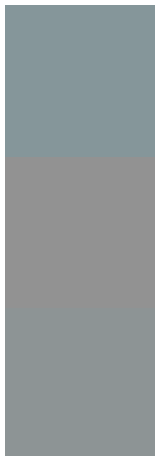
Original Color
61, 6.644, 218.800

Protanomaly
61, 3.364, 256.316

Deuteranomaly
61, 5.141, 299.222

Tritanomaly
61, 7.762, 245.761

Monochromacy



Original Color
61, 6.644, 218.800

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.717, 211.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.644, 218.800 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(133, 150, 154)` looks like.

```
.text, #text, p{  
    color:rgb(133, 150, 154)  
}
```

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(133, 150, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 150, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.644, 218.800 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(133, 150, 154) }
```

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

```
.border{ border-color:rgb(133, 150, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 150, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 150, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 150, 154);  
box-shadow:4px 4px 4px 4px rgb(133, 150,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.644, 218.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 150, 154) }
```

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

```
.background{ background-color: rgb(133,  
150, 154) }
```

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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