

Converting Colors

CIELCh(61, 5.283, 205.256)

Have a look what the booklet for
CIELCh(61, 5.283, 205.256) contains.

CIELCh(61, 5.283, 205.133)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 5.283, 205.133)

Conversions

Conversions Part 1

Format	Color
Hex	889697
RGB	136, 150, 151
RGB Percent	53%, 59%, 59%
CMY	0.4670, 0.4121, 0.4081
CMYK	0.10, 0.01, 0.00, 0.41
HSL	184°, 7%, 56%
HSV	184°, 10%, 59%
XYZ	26.6149, 29.2481, 33.4884
YIQ	145.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

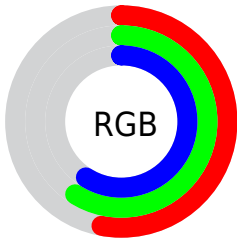
Format	Color
R_{YB}	136, 143, 151
Decimal	8951447
CIE _{Lab}	61.00, -4.78, -2.24
CIE _{LCh}	61, 5.283, 205.133
Yxy	29.2481, 0.2979, 0.3273
Android (android.graphics.Color)	4287141527 (0xFF889697)
YUV	145.9280, 2.5005, -8.7069
Hunter-Lab	54.0815, -6.7984, 1.1435

Details

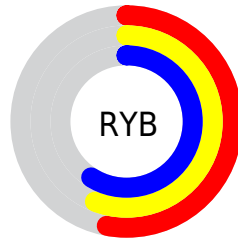
The CIELCh color $61, 5.283, 205.133$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 5.625, 25.639$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 5.372, 204.800$, and $41, 5.236, 205.501$ is the 20% darker color. If you saturate the color by 10%, you get $60, 10.301, 204.842$, and if you desaturate by 10%, it is $62, 0.035, 12.141$.

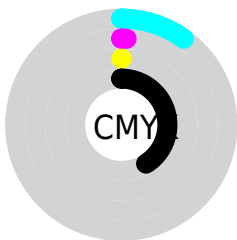
Distribution



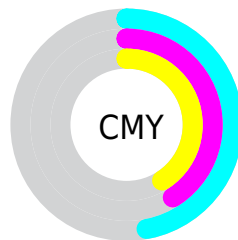
- Red (53%)
- Green (59%)
- Blue (59%)



- Red (53%)
- Yellow (56%)
- Blue (59%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 5.283, 205.133 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, 5.283, 205.133 by changing the saturation by 10% instead.

■ 61, 5.283, 205.133

■ 61, 5.283, 205.133

■ 100, 5.283,
205.133

■ 51, 5.283, 205.133

■ 81, 5.283, 205.133

■ 41, 5.283, 205.133

■ 91, 5.283, 205.133

■ 31, 5.283, 205.133

■ 21, 5.283, 205.133

■ 11, 5.283, 205.133

■ 1, 5.283, 205.133

■ 0, 5.283, 205.133

■ 61, 5.283, 205.133

■ 61, 5.283, 205.133

■ 60, 10.301,

■ 62, 0.035, 12.141

204.842

64, 5.579, 25.600

58, 14.937,
204.677

66, 11.289, 26.030

57, 19.109,
204.618

67, 17.112, 26.460

56, 22.733,
204.681

69, 23.005, 26.903

56, 25.737,
204.887

71, 28.933, 27.355

55, 28.068,
205.258

73, 34.871, 27.811

54, 29.706,
205.814

75, 40.110, 28.297

54, 30.670,
206.575

53, 31.152,
207.498

Harmonies

Complementary

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



61, 5.283, 205.133



58, 5.625, 25.639

Rectangle

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



61, 5.283, 205.133



61, 5.283, 255.133



61, 5.283, 25.133



61, 5.283, 75.133

Sweetspot

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



61, 5.284, 205.118



79, 2.009, 205.505



61, 9.972, 145.249



42, 1.533, 205.427



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 5.284, 205.118



77, 7.858, 205.042



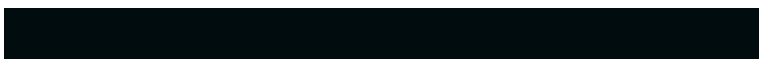
59, 5.273, 261.977



32, 3.044, 205.143



50, 29.545, 207.426



3, 3.346, 206.094

Inverse Universe

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



58, 9.876, 326.806



73, 14.794, 326.938



60, 5.354, 79.366



30, 5.677, 326.765



32, 70.384, 331.002



1, 6.069, 326.505

Previews

White Background



This preview shows how the CIELCh color 61, 5.283, 205.133 looks on a white background.

Color Contrast Check

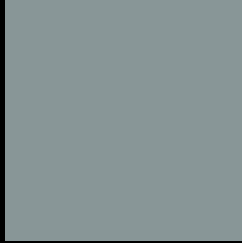
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 61, 5.283, 205.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

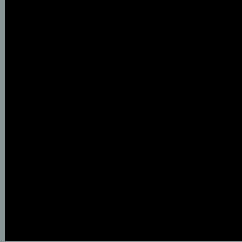
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

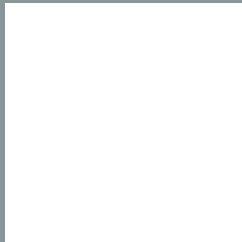
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 5.283, 205.133

Background



This preview shows how black text looks on a background with the CIELCh color 61, 5.283, 205.133.



This preview shows how white text looks on a background with the CIELCh color 61, 5.283, 205.133.

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, 5.283, 205.133

Protanopia

61, 2.065, 324.449

Deuteranopia

61, 8.031, 341.166



Tritanopia
61, 7.615, 262.067

Trichromacy



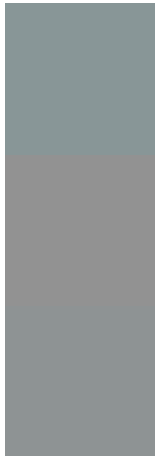
Original Color
61, 5.283, 205.133

Protanomaly
61, 2.030, 256.047

Deuteranomaly
61, 3.909, 319.927

Tritanomaly
61, 6.251, 245.382

Monochromacy



Original Color
61, 5.283, 205.133

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 1.987, 215.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 5.283, 205.133 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(136, 150, 151)` looks like.

```
.text, #text, p{  
    color:rgb(136, 150, 151)  
}
```

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(136, 150, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 150, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 5.283, 205.133 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(136, 150, 151) }
```

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

```
.border{ border-color:rgb(136, 150, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 150, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 150, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 150, 151);  
box-shadow:4px 4px 4px 4px rgb(136, 150,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 5.283, 205.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 150, 151) }
```

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

```
.background{ background-color: rgb(136,  
150, 151) }
```

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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