

Converting Colors

CIELCh(61, 7.577, 212.736)

Have a look what the booklet for
CIELCh(61, 7.577, 212.736) contains.

CIELCh(61, 7.541, 211.788)	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, 7.541, 211.788)

Conversions

Conversions Part 1

Format	Color
Hex	83979A
RGB	131, 151, 154
RGB Percent	51%, 59%, 60%
CMY	0.4867, 0.4082, 0.3965
CMYK	0.15, 0.02, 0.00, 0.40
HSL	188°, 10%, 56%
HSV	188°, 15%, 60%
XYZ	26.2197, 29.2481, 34.7914
YIQ	145.3620, -12.8830, -3.3070

Conversions

Conversions Part 2

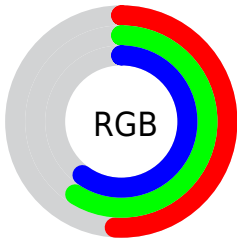
Format	Color
RYB	131, 142, 154
Decimal	8624026
CIELab	61.00, -6.41, -3.97
CIELCh	61, 7.541, 211.788
Yxy	29.2481, 0.2905, 0.3240
Android (android.graphics.Color)	4286814106 (0xFF83979A)
YUV	145.3620, 4.2585, -12.5955
Hunter-Lab	54.0815, -8.1027, -0.2850

Details

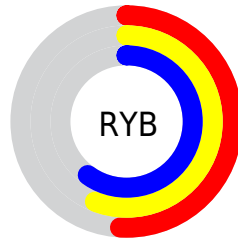
The CIELCh color $61, 7.541, 211.788$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.307, 31.922$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 7.539, 211.188$, and $41, 7.592, 212.513$ is the 20% darker color. If you saturate the color by 10%, you get $59, 12.198, 211.877$, and if you desaturate by 10%, it is $63, 2.560, 211.885$.

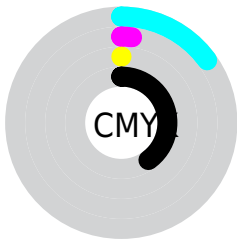
Distribution



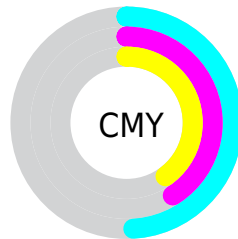
- Red (51%)
- Green (59%)
- Blue (60%)



- Red (51%)
- Yellow (56%)
- Blue (60%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 7.541, 211.788 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, 7.541, 211.788 by changing the saturation by 10% instead.

■ 61, 7.541, 211.788

■ 61, 7.541, 211.788

■ 100, 7.541,
211.788

■ 51, 7.541, 211.788

■ 81, 7.541, 211.788

■ 41, 7.541, 211.788

■ 91, 7.541, 211.788

■ 31, 7.541, 211.788

■ 21, 7.541, 211.788

■ 11, 7.541, 211.788

■ 1, 7.541, 211.788

■ 0, 7.541, 211.788

■ 61, 7.541, 211.788

■ 61, 7.541, 211.788

■ 59, 12.198,

■ 63, 2.560, 211.885

211.877

64, 2.674, 31.614

58, 16.452,
212.132

66, 8.100, 31.874

57, 20.222,
212.568

68, 13.665, 32.094

55, 23.432,
213.224

70, 19.326, 32.340

54, 26.018,
214.144

72, 25.047, 32.608

53, 27.941,
215.379

75, 30.801, 32.893

52, 29.202,
216.982

77, 36.567, 33.188

51, 29.856,
218.991

77, 36.441, 34.807

51, 30.093,
220.074

Harmonies

Complementary

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



61, 7.541, 211.788



58, 8.307, 31.922

Rectangle

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



61, 7.541, 211.788



61, 7.541, 261.788



61, 7.541, 31.788



61, 7.541, 81.788

Sweetspot

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



61, 7.541, 211.777



79, 2.559, 211.926



61, 14.580, 146.860



42, 1.811, 211.892



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, 7.541, 211.777



76, 11.084, 211.794



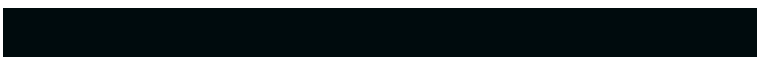
58, 8.623, 268.967



32, 2.883, 211.796



47, 28.133, 219.856



2, 3.162, 213.055

Inverse Universe

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



57, 14.470, 329.059



71, 21.510, 329.263



61, 8.723, 85.035



30, 5.430, 328.715



32, 67.029, 334.057



1, 5.785, 328.598

Previews

White Background



This preview shows how the CIELCh color 61, 7.541, 211.788 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, 7.541, 211.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

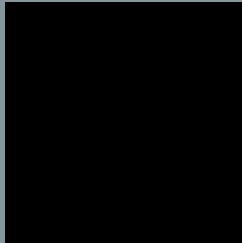
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

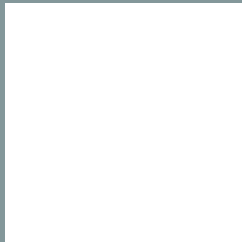
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 7.541, 211.788

Background



This preview shows how black text looks on a background with the CIELCh color 61, 7.541, 211.788.



This preview shows how white text looks on a background with the CIELCh color 61, 7.541, 211.788.

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

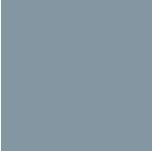
61, 7.541, 211.788

Protanopia

61, 2.934, 305.636

Deuteranopia

61, 9.115, 326.892



Tritanopia
61, 9.244, 246.142

Trichromacy



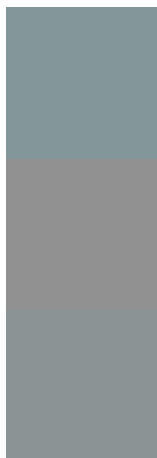
Original Color
61, 7.541, 211.788

Protanomaly
61, 3.171, 244.701

Deuteranomaly
61, 5.141, 299.222

Tritanomaly
61, 8.184, 237.353

Monochromacy



Original Color
61, 7.541, 211.788

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 2.720, 211.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 7.541, 211.788 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(131, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(131, 151, 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(131, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 151, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 7.541, 211.788 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(131, 151, 154) }
```

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

```
.border{ border-color:rgb(131, 151, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 151, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 151, 154);  
box-shadow:4px 4px 4px 4px rgb(131, 151,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 7.541, 211.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 151, 154) }
```

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

```
.background{ background-color: rgb(131,  
151, 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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