

Converting Colors

CIELCh(57, 6.501, 313.692)

Have a look what the booklet for
CIELCh(57, 6.501, 313.692) contains.

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Color

CIELCh(57, 6.189, 312.742)

Conversions

Conversions Part 1

Format	Color
Hex	8D8791
RGB	141, 135, 145
RGB Percent	55%, 53%, 57%
CMY	0.4482, 0.4717, 0.4325
CMYK	0.03, 0.07, 0.00, 0.43
HSL	276°, 4%, 55%
HSV	276°, 7%, 57%
XYZ	24.6496, 24.9227, 30.1840
YIQ	137.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

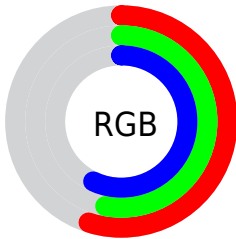
Format	Color
R_{YB}	141, 135, 145
Decimal	9275281
CIE _{Lab}	57.00, 4.20, -4.55
CIE _{LCh}	57, 6.189, 312.742
Yxy	24.9227, 0.3091, 0.3125
Android (android.graphics.Color)	4287465361 (0xFF8D8791)
YUV	137.9340, 3.4835, 2.6889
Hunter-Lab	49.9226, 0.7711, -0.9018

Details

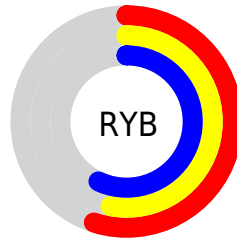
The CIELCh color $57, 6.189, 312.742$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $59, 6.133, 132.220$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.470, 313.886$, and $37, 6.699, 312.880$ is the 20% darker color. If you saturate the color by 10%, you get $53, 15.325, 313.176$, and if you desaturate by 10%, it is $61, 2.725, 132.405$.

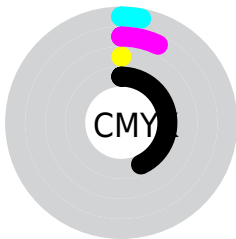
Distribution



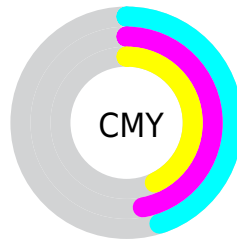
- Red (55%)
- Green (53%)
- Blue (57%)



- Red (55%)
- Yellow (53%)
- Blue (57%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (43%)



- Cyan (45%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.189, 312.742 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 57, 6.189, 312.742 by changing the saturation by 10% instead.

■ 57, 6.189, 312.742

■ 57, 6.189, 312.742

■ 100, 6.189,
312.742

■ 47, 6.189, 312.742

■ 77, 6.189, 312.742

■ 37, 6.189, 312.742

■ 87, 6.189, 312.742

■ 27, 6.189, 312.742

■ 97, 6.189, 312.742

■ 17, 6.189, 312.742

■ 7, 6.189, 312.742

■ 0, 6.189, 312.742

■ 57, 6.189, 312.742

■ 57, 6.189, 312.742

■ 53, 15.325,
313.176

■ 61, 2.725, 132.405

■ 66, 11.391,

48, 24.644,
313.624

132.007

44, 34.066,
314.077

70, 19.807,
131.673

40, 43.453,
314.513

75, 27.974,
131.374

36, 52.586,
314.898

79, 35.899,
131.108

32, 61.135,
315.180

84, 43.594,
130.873

29, 68.650,
315.294

88, 51.069,
130.667

26, 74.604,
315.158

92, 58.336,
130.485

24, 78.742,
314.737

94, 59.936,
129.236

Harmonies

Complementary

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



57, 6.189, 312.742



59, 6.133, 132.220

Rectangle

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



57, 6.189, 312.742



57, 6.189, 2.742



57, 6.189, 132.742



57, 6.189, 182.742

Sweetspot

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



57, 6.187, 312.739



75, 2.217, 312.496



58, 3.655, 264.814



39, 1.257, 312.487



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 6.187, 312.739



72, 8.913, 312.794



57, 6.542, 327.122



28, 5.017, 312.838



22, 76.050, 314.685



0, 3.353, 312.477

Inverse Universe

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



57, 4.567, 349.932



72, 6.581, 350.059



59, 6.527, 146.408



28, 3.706, 350.158



28, 52.792, 10.188



1, 2.468, 349.404

Previews

White Background



This preview shows how the CIELCh color 57, 6.189, 312.742 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 57, 6.189, 312.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

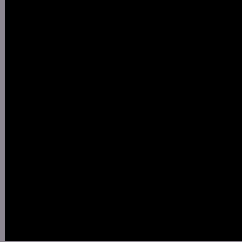
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

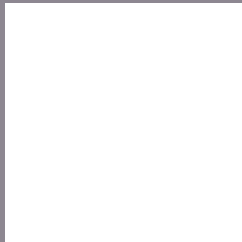
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 6.189, 312.742

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.189, 312.742.



This preview shows how white text looks on a background with the CIELCh color 57, 6.189, 312.742.

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


57, 6.189, 312.742

Protanopia

57, 5.160, 295.040

Deuteranopia

57, 8.544, 327.050



Tritanopia
57, 6.189, 312.742

Trichromacy



Original Color
57, 6.189, 312.742

Protanomaly
57, 5.207, 299.247

Deuteranomaly
57, 7.412, 322.305

Tritanomaly
57, 6.189, 312.742

Monochromacy



Original Color
57, 6.189, 312.742

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 1.893, 314.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.189, 312.742 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(141, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(141, 135, 145)  
}
```

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(141, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 135, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.189, 312.742 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(141, 135, 145) }
```

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

```
.border{ border-color:rgb(141, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(141, 135,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.189, 312.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 135, 145) }
```

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

```
.background{ background-color: rgb(141,  
135, 145) }
```

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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