

Converting Colors

CIELCh(57, 13.874, 1.923)

Have a look what the booklet for
CIELCh(57, 13.874, 1.923) contains.

CIELCh(57, 14.020, 2.120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 14.020, 2.120)

Conversions

Conversions Part 1

Format	Color
Hex	A18088
RGB	161, 128, 136
RGB Percent	63%, 50%, 53%
CMY	0.3673, 0.4967, 0.4654
CMYK	0.00, 0.20, 0.16, 0.37
HSL	345°, 15%, 57%
HSV	345°, 20%, 63%
XYZ	26.9955, 24.9227, 26.8025
YIQ	138.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

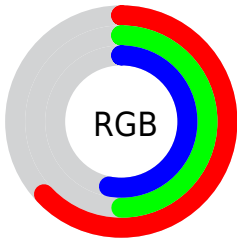
Format	Color
R _Y B	161, 128, 136
Decimal	10584200
CIE Lab	57.00, 14.01, 0.52
CIE LCh	57, 14.020, 2.120
Yxy	24.9227, 0.3429, 0.3166
Android (android.graphics.Color)	4288774280 (0xFFA18088)
YUV	138.7790, -1.3700, 19.4878
Hunter-Lab	49.9226, 9.1587, 3.1142

Details

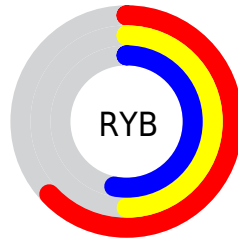
The CIELCh color **57, 14.020, 2.120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 13.059, 178.227**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 13.888, 2.680**, and **37, 13.805, 3.545** is the 20% darker color. If you saturate the color by 10%, you get **53, 21.278, 3.424**, and if you desaturate by 10%, it is **62, 7.009, 1.003**.

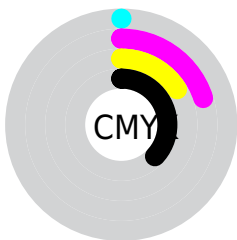
Distribution



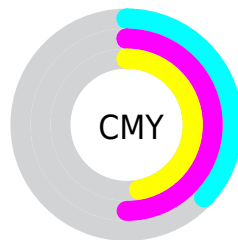
- Red (63%)
- Green (50%)
- Blue (53%)



- Red (63%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (37%)




- Cyan (37%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 14.020, 2.120 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, 14.020, 2.120 by changing the saturation by 10% instead.

 57, 14.020, 2.120  57, 14.020, 2.120

 100, 14.020, 2.120  47, 14.020, 2.120

 77, 14.020, 2.120  37, 14.020, 2.120

 87, 14.020, 2.120  27, 14.020, 2.120

 97, 14.020, 2.120  17, 14.020, 2.120

 7, 14.020, 2.120

 0, 14.020, 2.120

 57, 14.020, 2.120  57, 14.020, 2.120

 53, 21.278, 3.424  62, 7.009, 1.003

 48, 28.681, 4.981  66, 0.305, 358.734

45, 36.050, 6.888

71, 6.075, 179.372

41, 43.133, 9.266

76, 12.134,
178.611

38, 49.635, 12.262

80, 17.888,
177.950

36, 55.290, 16.027

34, 59.987, 20.645

85, 23.361,
177.359

33, 63.960, 25.473

90, 28.577,
176.823

94, 32.396,
177.904

94, 30.031,
188.949

Harmonies

Complementary

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



57, 14.020, 2.120



64, 13.059, 178.227

Rectangle

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



57, 14.020, 2.120



57, 14.020, 52.120



57, 14.020, 182.120



57, 14.020, 232.120

Sweetspot

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



57, 14.018, 2.125



80, 4.915, 0.534



57, 21.068, 318.154



42, 3.258, 0.600



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 14.018, 2.125



70, 21.371, 2.748



59, 11.251, 44.607



32, 3.815, 0.877



30, 59.025, 24.922



1, 5.758, 1.772

Inverse Universe

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



57, 14.018, 2.125



70, 21.371, 2.748



62, 9.923, 226.706



32, 3.815, 0.877



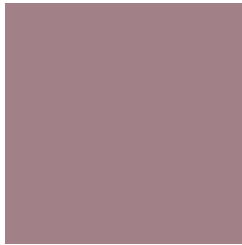
30, 59.025, 24.922



1, 5.758, 1.772

Previews

White Background



This preview shows how the CIELCh color 57, 14.020, 2.120 looks on a white background.

Color Contrast Check

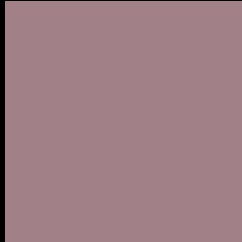
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.020, 2.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

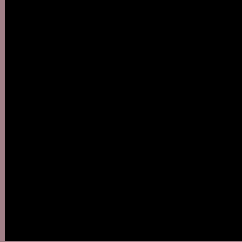
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 14.020, 2.120

Background



This preview shows how black text looks on a background with the CIELCh color 57, 14.020, 2.120.



This preview shows how white text looks on a background with the CIELCh color 57, 14.020, 2.120.

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, 14.020, 2.120

Protanopia

57, 2.972, 305.647

Deuteranopia

57, 7.396, 6.851



Tritanopia
57, 14.737, 358.467

Trichromacy



Original Color
57, 14.020, 2.120

Protanomaly
57, 6.183, 346.469

Deuteranomaly
57, 10.033, 4.065

Tritanomaly
57, 14.562, 0.561

Monochromacy



Original Color
57, 14.020, 2.120

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 5.058, 0.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 14.020, 2.120 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(161, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(161, 128, 136)  
}
```

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(161, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 128, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 14.020, 2.120 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(161, 128, 136) }
```

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

```
.border{ border-color:rgb(161, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(161, 128,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 14.020, 2.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 128, 136) }
```

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

```
.background{ background-color: rgb(161,  
128, 136) }
```

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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