

Converting Colors

CIELCh(57, 20.740, 355.506)

Have a look what the booklet for
CIELCh(57, 20.740, 355.506)
contains.

CIELCh(57, 20.790, 356.079)	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(57, 20.790, 356.079)

Conversions

Conversions Part 1

Format	Color
Hex	AB7C8C
RGB	171, 124, 140
RGB Percent	67%, 49%, 55%
CMY	0.3299, 0.5141, 0.4514
CMYK	0.00, 0.27, 0.18, 0.33
HSL	340°, 22%, 58%
HSV	340°, 27%, 67%
XYZ	28.6882, 24.9227, 28.0665
YIQ	139.8770, 22.8760, 14.9400

Conversions

Conversions Part 2

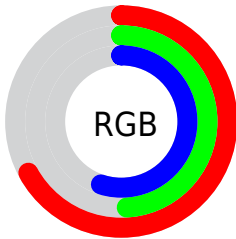
Format	Color
R _Y B	171, 124, 140
Decimal	11238540
CIE Lab	57.00, 20.74, -1.42
CIE LCh	57, 20.790, 356.079
Yxy	24.9227, 0.3512, 0.3051
Android (android.graphics.Color)	4289428620 (0xFFAB7C8C)
YUV	139.8770, 0.0606, 27.2949
Hunter-Lab	49.9226, 15.2112, 1.6130

Details

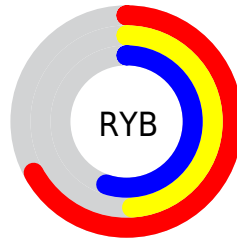
The CIELCh color $57, 20.790, 356.079$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 19.415, 170.583$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 20.638, 356.851$, and $37, 20.582, 356.556$ is the 20% darker color. If you saturate the color by 10%, you get $53, 28.620, 357.468$, and if you desaturate by 10%, it is $62, 13.037, 354.894$.

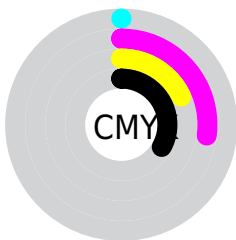
Distribution



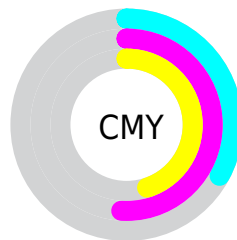
- Red (67%)
- Green (49%)
- Blue (55%)



- Red (67%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (18%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 20.790, 356.079 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, 20.790, 356.079 by changing the saturation by 10% instead.


 57, 20.790,
356.079


 57, 20.790,
356.079


 100, 20.790,
356.079


 47, 20.790,
356.079


 77, 20.790,
356.079

 37, 20.790,
356.079

 87, 20.790,
356.079

 27, 20.790,
356.079

 97, 20.790,
356.079

 17, 20.790,
356.079

 7, 20.790, 356.079

 0, 20.790, 356.079

57, 20.790,
356.079

57, 20.790,
356.079

53, 28.620,
357.468

62, 13.037,
354.894

49, 36.337,
359.126

66, 5.489, 353.832

71, 1.790, 173.239

45, 43.661, 1.156

76, 8.772, 172.256

42, 50.242, 3.690

81, 15.454,
171.515

39, 55.736, 6.891

37, 59.929, 10.925


86, 21.846,
170.853

36, 62.993, 15.800

91, 27.964,
170.251

36, 63.773, 17.026

94, 30.914,
172.870

 95, 28.324,
183.182

Harmonies

Complementary

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



57, 20.790, 356.079



66, 19.415, 170.583

Rectangle

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



57, 20.790, 356.079



57, 20.790, 46.079



57, 20.790, 176.079



57, 20.790, 226.079

Sweetspot

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



57, 20.788, 356.082



84, 7.252, 353.899



56, 29.160, 315.292



44, 5.209, 354.053



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 20.788, 356.082



69, 31.052, 356.898



58, 17.287, 34.245



34, 4.209, 354.022



31, 57.937, 16.393



2, 8.453, 357.524

Inverse Universe

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



57, 20.788, 356.082



69, 31.052, 356.898



65, 14.302, 214.316



34, 4.209, 354.022



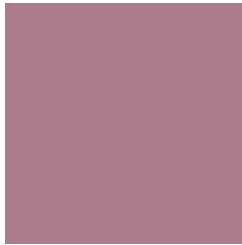
31, 57.937, 16.393



2, 8.453, 357.524

Previews

White Background



This preview shows how the CIELCh color 57, 20.790, 356.079 looks on a white background.

Color Contrast Check

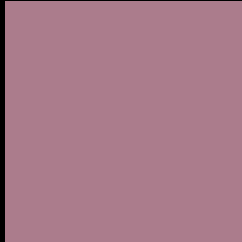
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.790, 356.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

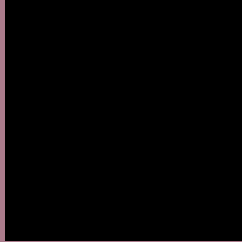
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 20.790, 356.079

Background



This preview shows how black text looks on a background with the CIELCh color 57, 20.790, 356.079.



This preview shows how white text looks on a background with the CIELCh color 57, 20.790, 356.079.

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, 20.790, 356.079

Protanopia
57, 6.298, 294.380

Deuteranopia
57, 7.335, 357.380



Tritanopia
57, 18.939, 6.041

Trichromacy



Original Color
57, 20.790, 356.079

Protanomaly
57, 9.565, 334.779

Deuteranomaly
57, 12.273, 356.192

Tritanomaly
57, 19.173, 2.737

Monochromacy



Original Color
57, 20.790, 356.079

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.552, 353.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 20.790, 356.079 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(171, 124, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 124, 140)  
}
```

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(171, 124, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 124, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 20.790, 356.079 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(171, 124, 140) }
```

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

```
.border{ border-color:rgb(171, 124, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 124, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 124, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 124, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 124,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 20.790, 356.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 124, 140) }
```

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

```
.background{ background-color: rgb(171,  
124, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor