

Converting Colors

CIELCh(60, 17.038, 284.950)

Have a look what the booklet for
CIELCh(60, 17.038, 284.950)
contains.

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Color

CIELCh(60, 17.040, 284.955)

Conversions

Conversions Part 1

Format	Color
Hex	898FAD
RGB	137, 143, 173
RGB Percent	54%, 56%, 68%
CMY	0.4614, 0.4379, 0.3202
CMYK	0.21, 0.17, 0.00, 0.32
HSL	230°, 18%, 61%
HSV	230°, 21%, 68%
XYZ	27.8213, 28.1233, 43.6739
YIQ	144.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

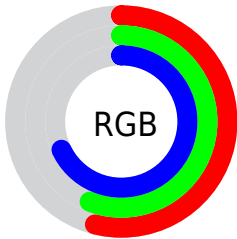
Format	Color
R _Y B	137, 142, 173
Decimal	9015213
CIE Lab	60.00, 4.40, -16.46
CIE LCh	60, 17.040, 284.955
Yxy	28.1233, 0.2793, 0.2823
Android (android.graphics.Color)	4287205293 (0xFF898FAD)
YUV	144.6260, 13.9884, -6.6880
Hunter-Lab	53.0314, 0.8396, -11.7062

Details

The CIELCh color $60, 17.040, 284.955$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 16.571, 100.039$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.607, 284.591$, and $40, 17.156, 285.416$ is the 20% darker color. If you saturate the color by 10%, you get $55, 25.655, 286.539$, and if you desaturate by 10%, it is $65, 8.702, 283.600$.

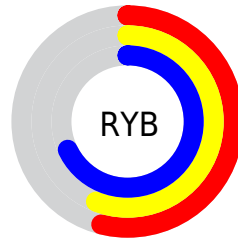
Distribution



Red (54%)

Green (56%)

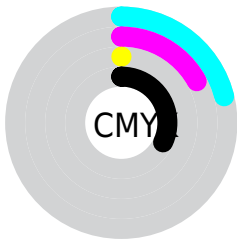
Blue (68%)



Red (54%)

Yellow (56%)

Blue (68%)

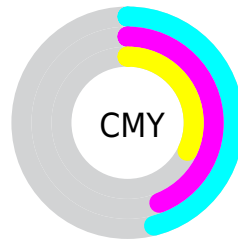


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (46%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 17.040, 284.955 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 60, 17.040, 284.955 by changing the saturation by 10% instead.

■ 60, 17.040,
284.955

■ 60, 17.040,
284.955

■ 100, 17.040,
284.955

■ 50, 17.040,
284.955

■ 80, 17.040,
284.955

■ 40, 17.040,
284.955

■ 90, 17.040,
284.955

■ 30, 17.040,
284.955

■ 20, 17.040,
284.955

■ 10, 17.040,
284.955

■ 0, 17.040, 284.955

■ 60, 17.040,

■ 60, 17.040,

284.955

■ 55, 25.655,
286.539

■ 50, 34.575,
288.390

■ 44, 43.825,
290.532

■ 39, 53.411,
292.968

■ 34, 63.274,
295.654

■ 30, 73.202,
298.471

■ 26, 82.678,
301.203

■ 23, 90.307,
303.337

284.955

■ 65, 8.702, 283.600

■ 70, 0.623, 282.620

■ 76, 7.217, 101.398

■ 81, 14.831,
100.539

■ 86, 22.231, 99.786

■ 91, 29.430, 99.127

■ 96, 36.232,
100.813

■ 98, 40.903,
107.055

Harmonies

Complementary

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



60, 17.040, 284.955



68, 16.571, 100.039

Rectangle

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



60, 17.040, 284.955



60, 17.040, 334.955



60, 17.040, 104.955



60, 17.040, 154.955

Sweetspot

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



60, 17.039, 284.953



85, 5.940, 283.045



68, 13.492, 184.061



45, 3.938, 283.115



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 17.039, 284.953



73, 25.486, 285.661



59, 20.952, 304.280



34, 4.564, 283.420



20, 80.627, 303.068



1, 9.848, 283.998

Inverse Universe

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



61, 14.782, 7.861



74, 22.210, 8.443



69, 20.173, 121.926



34, 3.905, 6.595



31, 63.533, 30.929



2, 7.973, 8.254

Previews

White Background



This preview shows how the CIELCh color 60, 17.040, 284.955 looks on a white background.

Color Contrast Check

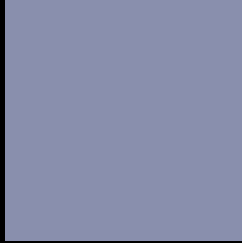
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 17.040, 284.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

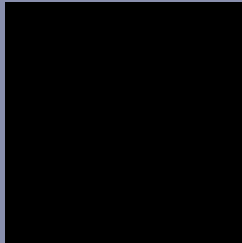
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

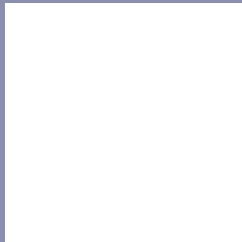
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 17.040, 284.955

Background



This preview shows how black text looks on a background with the CIELCh color 60, 17.040, 284.955.



This preview shows how white text looks on a background with the CIELCh color 60, 17.040, 284.955.

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

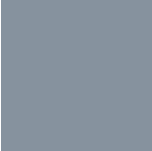
60, 17.040, 284.955

Protanopia

60, 17.008, 286.122

Deuteranopia

60, 18.731, 295.515



Tritanopia
60, 7.988, 257.484

Trichromacy



Original Color
60, 17.040, 284.955

Protanomaly
60, 17.008, 286.122

Deuteranomaly
60, 18.099, 292.193

Tritanomaly
60, 11.234, 272.641

Monochromacy



Original Color
60, 17.040, 284.955

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.250, 283.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 17.040, 284.955 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(137, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 173)  
}
```

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(137, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 17.040, 284.955 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(137, 143, 173) }
```

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

```
.border{ border-color:rgb(137, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 17.040, 284.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 173) }
```

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

```
.background{ background-color: rgb(137,  
143, 173) }
```

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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