

Converting Colors

CIELCh(60, 25.086, 298.459)

Have a look what the booklet for
CIELCh(60, 25.086, 298.459)
contains.

CIELCh(60, 25.086, 298.459)	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(60, 25.086, 298.459)

Conversions

Conversions Part 1

Format	Color
Hex	928BB7
RGB	146, 139, 183
RGB Percent	57%, 55%, 72%
CMY	0.4262, 0.4537, 0.2811
CMYK	0.20, 0.24, 0.00, 0.28
HSL	250°, 23%, 63%
HSV	250°, 24%, 72%
XYZ	29.7648, 28.1233, 48.8318
YIQ	146.1090, -9.9520, 15.1680

Conversions

Conversions Part 2

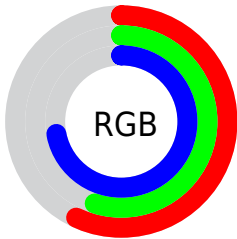
Format	Color
RYB	146, 139, 183
Decimal	9604023
CIELab	60.00, 11.95, -22.05
CIElCh	60, 25.086, 298.459
Yxy	28.1233, 0.2789, 0.2635
Android (android.graphics.Color)	4287794103 (0xFF928BB7)
YUV	146.1090, 18.1873, -0.0956
Hunter-Lab	53.0314, 7.3811, -17.4727

Details

The CIELCh color `60, 25.086, 298.459` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `73, 23.783, 114.667`, and the grayscale version is `61, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 25.308, 298.459`, and `40, 25.195, 298.732` is the 20% darker color. If you saturate the color by 10%, you get `54, 36.232, 299.537`, and if you desaturate by 10%, it is `66, 14.356, 297.519`.

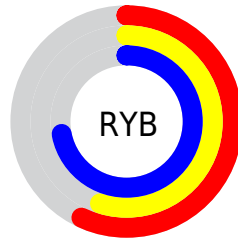
Distribution



Red (57%)

Green (55%)

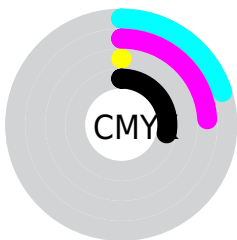
Blue (72%)



Red (57%)

Yellow (55%)

Blue (72%)

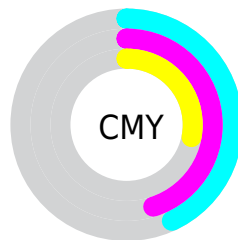


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 25.086, 298.459 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, 25.086, 298.459 by changing the saturation by 10% instead.

■ 60, 25.086,
298.459

■ 60, 25.086,
298.459

■ 100, 25.086,
298.459

■ 50, 25.086,
298.459

■ 80, 25.086,
298.459

■ 40, 25.086,
298.459

■ 90, 25.086,
298.459

■ 30, 25.086,
298.459

■ 20, 25.086,
298.459

■ 10, 25.086,
298.459

■ 0, 25.086, 298.459

■ 60, 25.086,

■ 60, 25.086,

298.459

54, 36.232,
299.537

48, 47.779,
300.758

42, 59.636,
302.105

36, 71.559,
303.522

31, 83.015,
304.897

27, 93.020,
306.034

24, 100.204,
306.692

23, 103.339,
306.951

298.459

66, 14.356,
297.519

72, 4.036, 296.708

78, 5.895, 116.008

84, 15.462,
115.408

90, 24.689,
114.893

96, 33.599,
114.450

98, 36.016,
107.919

99, 36.014,
107.433

Harmonies

Complementary

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



60, 25.086, 298.459



73, 23.783, 114.667

Rectangle

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



60, 25.086, 298.459



60, 25.086, 348.459



60, 25.086, 118.459



60, 25.086, 168.459

Sweetspot

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



60, 25.085, 298.458



89, 8.730, 296.947



70, 13.381, 214.212



47, 5.725, 296.994



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 25.085, 298.458



72, 37.751, 299.030



62, 26.886, 315.144



36, 5.762, 297.125



18, 91.431, 307.025



1, 15.451, 294.896

Inverse Universe

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



63, 26.343, 330.589



77, 39.193, 330.934



71, 26.317, 133.058



36, 6.190, 329.670



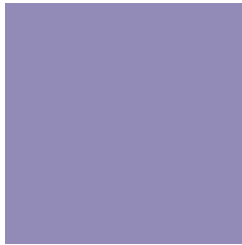
35, 70.664, 335.655



3, 16.009, 331.816

Previews

White Background



This preview shows how the CIE LCh color 60, 25.086, 298.459 looks on a white background.

Color Contrast Check

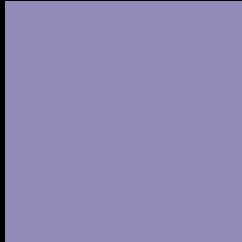
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 25.086, 298.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

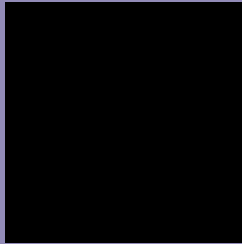
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 25.086, 298.459

Background



This preview shows how black text looks on a background with the CIELCh color 60, 25.086, 298.459.



This preview shows how white text looks on a background with the CIELCh color 60, 25.086, 298.459.

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

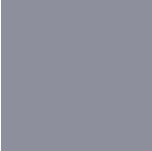
60, 25.086, 298.459

Protanopia

60, 24.422, 284.980

Deuteranopia

60, 23.173, 290.201



Tritanopia
60, 6.854, 281.545

Trichromacy



Original Color
60, 25.086, 298.459

Protanomaly
60, 24.306, 289.661

Deuteranomaly
60, 23.767, 293.629

Tritanomaly
60, 13.594, 293.235

Monochromacy



Original Color
60, 25.086, 298.459

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.079, 295.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 25.086, 298.459 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(146, 139, 183)` looks like.

```
.text, #text, p{  
    color:rgb(146, 139, 183)  
}
```

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(146, 139, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 139, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 25.086, 298.459 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(146, 139, 183) }
```

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

```
.border{ border-color:rgb(146, 139, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 139, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 139, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 139, 183);  
box-shadow:4px 4px 4px 4px rgb(146, 139,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 25.086, 298.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 139, 183) }
```

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

```
.background{ background-color: rgb(146,  
139, 183) }
```

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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