

Converting Colors

CIELCh(60, 60.762, 309.145)

Have a look what the booklet for
CIELCh(60, 60.762, 309.145)
contains.

CIELCh(60, 60.755, 309.187)	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(60, 60.755, 309.187)

Conversions

Conversions Part 1

Format	Color
Hex	A87BE4
RGB	168, 123, 228
RGB Percent	66%, 48%, 89%
CMY	0.3409, 0.5173, 0.1056
CMYK	0.26, 0.46, 0.00, 0.11
HSL	266°, 66%, 69%
HSV	266°, 46%, 89%
XYZ	37.2718, 28.1233, 76.9209
YIQ	148.4250, -6.8850, 42.1950

Conversions

Conversions Part 2

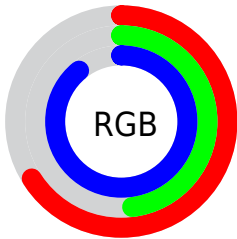
Format	Color
RYB	168, 123, 228
Decimal	11041764
CIELab	60.00, 38.39, -47.09
CIElCh	60, 60.755, 309.187
Yxy	28.1233, 0.2619, 0.1976
Android (android.graphics.Color)	4289231844 (0xFFA87BE4)
YUV	148.4250, 39.2305, 17.1673
Hunter-Lab	53.0314, 32.6493, -48.8768

Details

The CIELCh color $60, 60.755, 309.187$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $86, 56.075, 124.288$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 45.365, 314.524$, and $40, 60.680, 309.138$ is the 20% darker color. If you saturate the color by 10%, you get $54, 74.359, 309.818$, and if you desaturate by 10%, it is $66, 47.064, 308.542$.

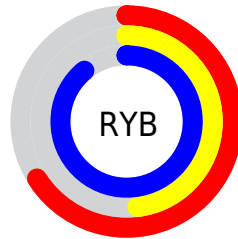
Distribution



Red (66%)

Green (48%)

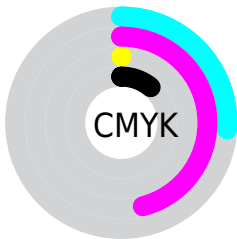
Blue (89%)



Red (66%)

Yellow (48%)

Blue (89%)

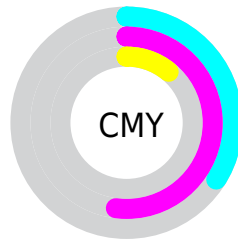


Cyan (26%)

Magenta (46%)

Yellow (0%)

Black (11%)



Cyan (34%)


Magenta (52%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 60.755, 309.187 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, 60.755, 309.187 by changing the saturation by 10% instead.


 60, 60.755,
309.187


 60, 60.755,
309.187


 100, 60.755,
309.187


 50, 60.755,
309.187


 80, 60.755,
309.187

 40, 60.755,
309.187

 90, 60.755,
309.187

 30, 60.755,
309.187

 20, 60.755,
309.187

 10, 60.755,
309.187

 0, 60.755, 309.187

 60, 60.755,

 60, 60.755,

309.187

309.187

■ 54, 74.359,
309.818

■ 66, 47.064,
308.542

■ 48, 87.414,
310.372

■ 73, 33.554,
307.921

■ 43, 99.177,
310.750

■ 80, 20.362,
307.343

■ 38, 108.640,
310.822

■ 87, 7.551, 306.811

■ 93, 4.856, 126.380

■ 35, 114.811,
310.456

■ 99, 14.023,
122.123

■ 34, 116.632,
310.249

■ 99, 13.622,
109.148

Harmonies

Complementary

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



60, 60.755, 309.187



86, 56.075, 124.288

Rectangle

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



60, 60.755, 309.187



60, 60.755, 359.187



60, 60.755, 129.187



60, 60.755, 179.187

Sweetspot

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



60, 60.754, 309.187



90, 19.399, 307.236



72, 29.182, 253.751



46, 13.437, 307.355



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 60.754, 309.187



60, 79.878, 309.776



66, 64.861, 324.370



45, 7.174, 306.989



26, 96.912, 310.424



4, 35.189, 308.513

Inverse Universe

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



65, 49.733, 344.336



68, 63.867, 345.562



83, 64.596, 138.980



45, 6.146, 340.694



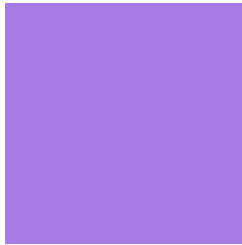
39, 66.122, 355.311



7, 28.449, 349.737

Previews

White Background



This preview shows how the CIELCh color 60, 60.755, 309.187 looks on a white background.

Color Contrast Check

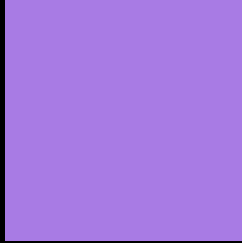
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.755, 309.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

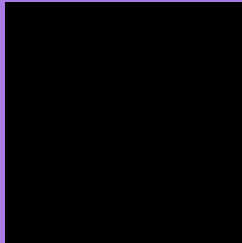
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 60.755, 309.187

Background



This preview shows how black text looks on a background with the CIELCh color 60, 60.755, 309.187.



This preview shows how white text looks on a background with the CIELCh color 60, 60.755, 309.187.

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





Tritanopia
60, 8.017, 329.430

Trichromacy



Original Color
60, 60.755, 309.187



Protanomaly
60, 59.224, 294.070



Deuteranomaly
59, 50.283, 292.629



Tritanomaly
60, 27.649, 311.725

Monochromacy



Original Color
60, 60.755, 309.187



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 22.297, 307.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 60.755, 309.187 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(168, 123, 228)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 228)  
}
```

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(168, 123, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 60.755, 309.187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

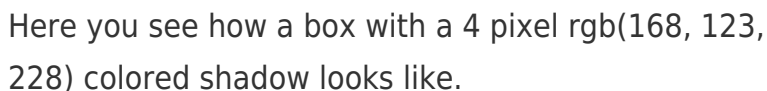
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 123, 228) }
```

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

```
.border{ border-color:rgb(168, 123, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 123, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 123, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 123, 228); box-shadow:4px 4px 4px 4px rgb(168, 123, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 60.755, 309.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 228) }
```

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

```
.background{ background-color: rgb(168,  
123, 228) }
```

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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