

Converting Colors

CIELCh(60, 50.930, 326.114)

Have a look what the booklet for
CIELCh(60, 50.930, 326.114)
contains.

CIELCh(60, 50.793, 326.188)	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, 50.793, 326.188)

Conversions

Conversions Part 1

Format	Color
Hex	C275C3
RGB	194, 117, 195
RGB Percent	76%, 46%, 76%
CMY	0.2393, 0.5412, 0.2354
CMYK	0.01, 0.40, 0.00, 0.24
HSL	299°, 39%, 61%
HSV	299°, 40%, 76%
XYZ	38.4493, 28.1233, 55.0188
YIQ	148.9150, 20.8540, 40.5820

Conversions

Conversions Part 2

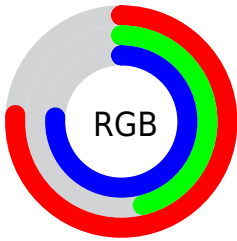
Format	Color
RYB	194, 117, 195
Decimal	12744131
CIELab	60.00, 42.20, -28.26
CIELCh	60, 50.793, 326.188
Yxy	28.1233, 0.3162, 0.2313
Android (android.graphics.Color)	4290934211 (0xFFC275C3)
YUV	148.9150, 22.7199, 39.5395
Hunter-Lab	53.0314, 36.6126, -24.3899

Details

The CIELCh color $60, 50.793, 326.188$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72, 50.843, 141.148$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 50.761, 326.192$, and $40, 50.644, 326.301$ is the 20% darker color. If you saturate the color by 10%, you get $56, 62.429, 326.642$, and if you desaturate by 10%, it is $64, 38.397, 325.689$.

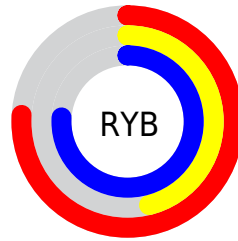
Distribution



Red (76%)

Green (46%)

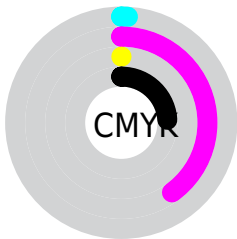
Blue (76%)



Red (76%)

Yellow (46%)

Blue (76%)

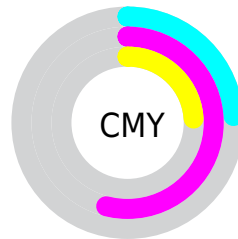


Cyan (1%)

Magenta (40%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (54%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 50.793, 326.188 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, 50.793, 326.188 by changing the saturation by 10% instead.

 60, 50.793,
326.188


 60, 50.793,
326.188


 100, 50.793,
326.188

 50, 50.793,
326.188


 80, 50.793,
326.188

 40, 50.793,
326.188

 90, 50.793,
326.188


 30, 50.793,
326.188

 20, 50.793,
326.188

 10, 50.793,
326.188

 0, 50.793, 326.188

 60, 50.793,

 60, 50.793,

326.188

56, 62.429,
326.642

53, 72.851,
327.034

50, 81.559,
327.346

48, 88.122,
327.566

47, 92.307,
327.686

46, 94.483,
327.724

326.188

64, 38.397,
325.689

69, 25.626,
325.163

74, 12.765,
324.618

79, 0.012, 302.407

84, 12.506,
143.599

89, 24.709,
143.082

94, 36.556,
142.594

95, 37.424,
142.463

■ 95, 37.373,
142.361

Harmonies

Complementary

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



60, 50.793, 326.188



72, 50.843, 141.148

Rectangle

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



60, 50.793, 326.188



60, 50.793, 16.188



60, 50.793, 146.188



60, 50.793, 196.188

Sweetspot

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



60, 50.791, 326.188



92, 18.911, 324.739



53, 44.408, 294.900



48, 12.654, 324.812



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, 50.791, 326.188



72, 74.113, 326.588



59, 37.069, 346.633



38, 7.197, 324.582



38, 81.849, 327.732



4, 24.056, 325.815

Inverse Universe

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



58, 33.205, 22.331



69, 50.448, 23.909



73, 35.513, 158.872



38, 4.186, 18.882



33, 73.219, 39.209



3, 14.003, 18.704

Previews

White Background



This preview shows how the CIELCh color 60, 50.793, 326.188 looks on a white background.

Color Contrast Check

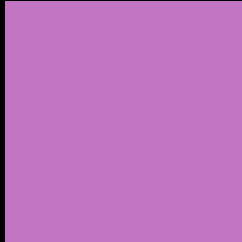
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.793, 326.188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

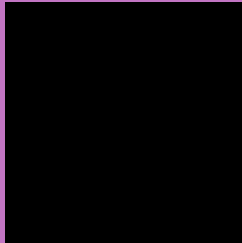
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 50.793, 326.188

Background



This preview shows how black text looks on a background with the CIELCh color 60, 50.793, 326.188.

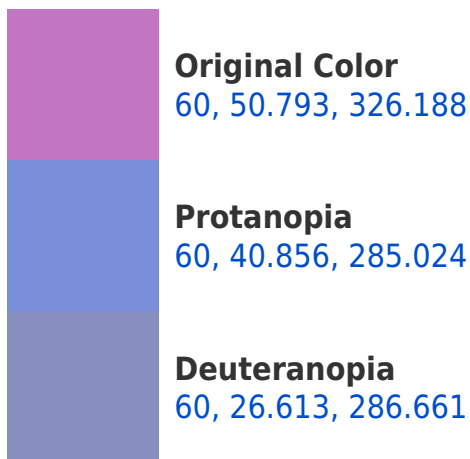


This preview shows how white text looks on a background with the CIELCh color 60, 50.793, 326.188.

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, 24.109, 8.792

Trichromacy



Original Color
60, 50.793, 326.188



Protanomaly
60, 42.187, 300.283



Deuteranomaly
60, 33.815, 306.506



Tritanomaly
60, 31.209, 345.581

Monochromacy



Original Color
60, 50.793, 326.188



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 19.495, 324.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 50.793, 326.188 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(194, 117, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 117, 195)  
}
```

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(194, 117, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 117, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 50.793, 326.188 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(194, 117, 195) }
```

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

```
.border{ border-color:rgb(194, 117, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 117, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 117, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 117, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 117,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 50.793, 326.188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 117, 195) }
```

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

```
.background{ background-color: rgb(194,  
117, 195) }
```

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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