

Converting Colors

CIELCh(60, 46.739, 332.040)

Have a look what the booklet for
CIELCh(60, 46.739, 332.040)
contains.

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Color

CIELCh(60, 46.895, 332.177)

Conversions

Conversions Part 1

Format	Color
Hex	C675B8
RGB	198, 117, 184
RGB Percent	78%, 46%, 72%
CMY	0.2242, 0.5418, 0.2791
CMYK	0.00, 0.41, 0.07, 0.22
HSL	310°, 41%, 62%
HSV	310°, 41%, 78%
XYZ	38.2225, 28.1233, 48.6724
YIQ	148.8570, 26.7690, 38.0090

Conversions

Conversions Part 2

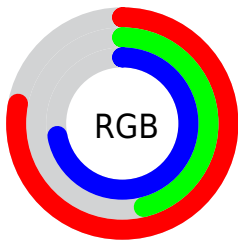
Format	Color
R _Y B	198, 117, 184
Decimal	13006264
CIE Lab	60.00, 41.47, -21.89
CIE LCh	60, 46.895, 332.177
Yxy	28.1233, 0.3323, 0.2445
Android (android.graphics.Color)	4291196344 (0xFFC675B8)
YUV	148.8570, 17.3255, 43.0984
Hunter-Lab	53.0314, 35.8491, -17.2945

Details

The CIELCh color $60, 46.895, 332.177$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $73, 46.845, 146.259$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 46.504, 331.890$, and $40, 46.863, 332.308$ is the 20% darker color. If you saturate the color by 10%, you get $56, 57.327, 332.847$, and if you desaturate by 10%, it is $64, 35.726, 331.519$.

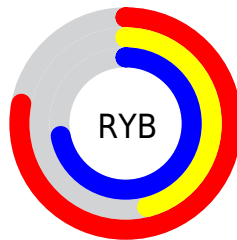
Distribution



Red (78%)

Green (46%)

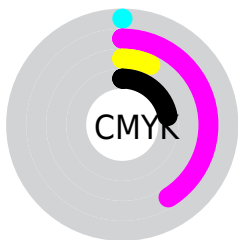
Blue (72%)



Red (78%)

Yellow (46%)

Blue (72%)

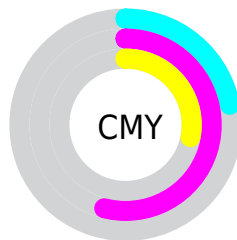


Cyan (0%)

Magenta (41%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (54%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 46.895, 332.177 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, 46.895, 332.177 by changing the saturation by 10% instead.

 60, 46.895,
332.177


 60, 46.895,
332.177


 100, 46.895,
332.177


 50, 46.895,
332.177


 80, 46.895,
332.177

 40, 46.895,
332.177

 90, 46.895,
332.177

 30, 46.895,
332.177

 20, 46.895,
332.177

 10, 46.895,
332.177

 0, 46.895, 332.177

 60, 46.895,

 60, 46.895,

332.177

56, 57.327,
332.847

52, 66.564,
333.532

49, 74.095,
334.237

47, 79.466,
334.982

46, 82.425,
335.791

45, 83.382,
336.592

332.177

64, 35.726,
331.519

69, 24.200,
330.872

74, 12.588,
330.235

79, 1.075, 329.376

85, 10.221,
149.101

90, 21.233,
148.529

95, 31.726,
148.036

95, 30.363,
150.078

■ 95, 29.034,
152.298

Harmonies

Complementary

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



60, 46.895, 332.177



73, 46.845, 146.259

Rectangle

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



60, 46.895, 332.177



60, 46.895, 22.177



60, 46.895, 152.177



60, 46.895, 202.177

Sweetspot

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



60, 46.893, 332.177



92, 16.987, 330.314



54, 47.048, 300.624



48, 11.276, 330.399



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, 46.893, 332.177



72, 67.952, 332.767



59, 35.178, 358.568



39, 6.550, 330.136



37, 72.418, 336.454



4, 22.997, 333.710

Inverse Universe

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



60, 46.893, 332.177



72, 67.952, 332.767



74, 31.609, 169.449



39, 6.550, 330.136



37, 72.418, 336.454



4, 22.997, 333.710

Previews

White Background



This preview shows how the CIELCh color 60, 46.895, 332.177 looks on a white background.

Color Contrast Check

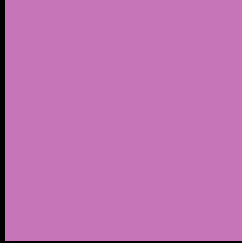
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.895, 332.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

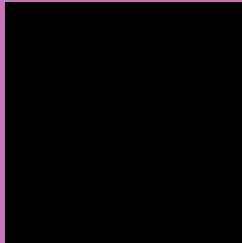
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 46.895, 332.177

Background



This preview shows how black text looks on a background with the CIELCh color 60, 46.895, 332.177.



This preview shows how white text looks on a background with the CIELCh color 60, 46.895, 332.177.

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, 26.972, 11.820

Trichromacy



Original Color
60, 46.895, 332.177



Protanomaly
59, 36.457, 304.585



Deuteranomaly
60, 29.182, 313.768



Tritanomaly
60, 32.123, 351.915

Monochromacy



Original Color
60, 46.895, 332.177



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 18.152, 330.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 46.895, 332.177 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(198, 117, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 117, 184)  
}
```

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(198, 117, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 117, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 46.895, 332.177 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(198, 117, 184) }
```

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

```
.border{ border-color:rgb(198, 117, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 117, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 117, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 117, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 117,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 46.895, 332.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 117, 184) }
```

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

```
.background{ background-color: rgb(198,  
117, 184) }
```

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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