

Converting Colors

CIELCh(30, 60.734, 327.364)

Have a look what the booklet for
CIELCh(30, 60.734, 327.364)
contains.

CIELCh(30, 60.680, 327.562)	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(30, 60.680, 327.562)

Conversions

Conversions Part 1

Format	Color
Hex	791A7A
RGB	121, 26, 122
RGB Percent	47%, 10%, 48%
CMY	0.5248, 0.8972, 0.5209
CMYK	0.01, 0.79, 0.00, 0.52
HSL	299°, 65%, 29%
HSV	299°, 79%, 48%
XYZ	11.8080, 6.2359, 19.0491
YIQ	65.3490, 25.8040, 49.9960

Conversions

Conversions Part 2

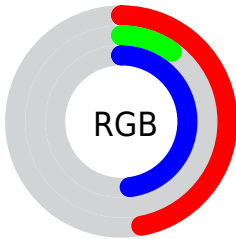
Format	Color
RYB	121, 26, 122
Decimal	7936634
CIELab	30.00, 51.21, -32.55
CIElCh	30, 60.680, 327.562
Yxy	6.2359, 0.3183, 0.1681
Android (android.graphics.Color)	4286126714 (0xFF791A7A)
YUV	65.3490, 27.9289, 48.8059
Hunter-Lab	24.9718, 40.7040, -27.7476

Details

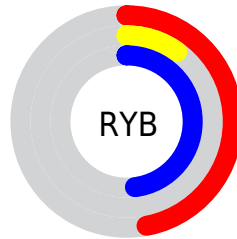
The CIELCh color **30, 60.680, 327.562** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **45, 61.946, 137.449**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 60.616, 327.470**, and **14, 47.013, 325.814** is the 20% darker color. If you saturate the color by 10%, you get **29, 64.296, 327.727**, and if you desaturate by 10%, it is **32, 55.545, 327.308**.

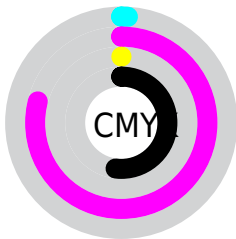
Distribution



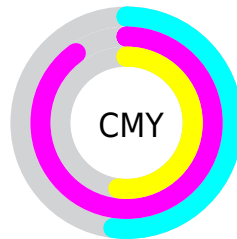
- Red (47%)
- Green (10%)
- Blue (48%)



- Red (47%)
- Yellow (10%)
- Blue (48%)



- Cyan (1%)
- Magenta (79%)
- Yellow (0%)
- Black (52%)





- Cyan (52%)
- Magenta (90%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 60.680, 327.562 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 30, 60.680, 327.562 by changing the saturation by 10% instead.


 30, 60.680,
327.562


 30, 60.680,
327.562

 100, 60.680,
327.562


 20, 60.680,
327.562


 50, 60.680,
327.562


 10, 60.680,
327.562

 60, 60.680,
327.562

 0, 60.680, 327.562

 70, 60.680,
327.562

 80, 60.680,
327.562

 90, 60.680,
327.562

■ 30, 60.680,
327.562

■ 30, 60.680,
327.562

■ 29, 64.296,
327.727

■ 32, 55.545,
327.308

■ 28, 66.716,
327.825

■ 34, 49.108,
326.973

■ 28, 67.067,
327.839

■ 36, 41.664,
326.571

■ 39, 33.524,
326.117

■ 42, 24.965,
325.627

■ 45, 16.213,
325.115

■ 48, 7.432, 324.585

■ 52, 1.260, 144.236

Harmonies

Complementary

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



30, 60.680, 327.562



45, 61.946, 137.449

Rectangle

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



30, 60.680, 327.562



30, 60.680, 17.562



30, 60.680, 147.562



30, 60.680, 197.562

Sweetspot

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



30, 60.678, 327.562



55, 25.945, 325.426



18, 62.906, 302.469



27, 17.721, 325.573



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



30, 60.678, 327.562



37, 79.614, 327.794



28, 45.001, 352.728



24, 4.914, 324.614



29, 68.159, 327.838



59, 114.739, 327.817

Inverse Universe

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



27, 47.821, 31.572



33, 69.295, 37.624



45, 43.791, 153.396



24, 2.851, 19.032



25, 59.776, 37.769



53, 103.367, 39.710

Previews

White Background



This preview shows how the CIELCh color 30, 60.680, 327.562 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 30, 60.680, 327.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

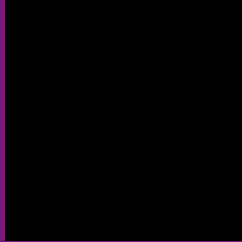
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 60.680, 327.562

Background



This preview shows how black text looks on a background with the CIELCh color 30, 60.680, 327.562.

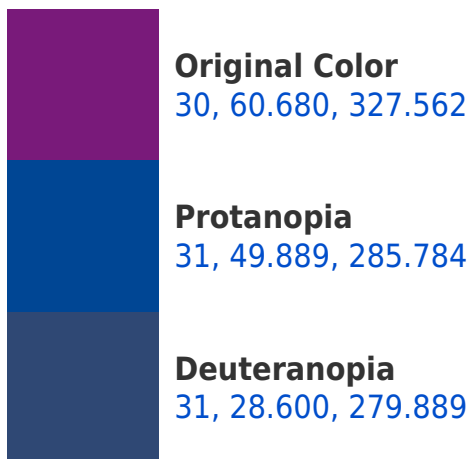


This preview shows how white text looks on a background with the CIELCh color 30, 60.680, 327.562.

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
30, 29.263, 21.761

Trichromacy



Original Color
30, 60.680, 327.562

Protanomaly
27, 54.741, 297.289

Deuteranomaly
28, 41.058, 305.728

Tritanomaly
30, 37.019, 350.720

Monochromacy



Original Color
30, 60.680, 327.562

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 25.833, 326.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 60.680, 327.562 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(121, 26, 122)` looks like.

```
.text, #text, p{  
    color:rgb(121, 26, 122)  
}
```

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(121, 26, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 26, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 60.680, 327.562 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(121, 26, 122) }
```

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

```
.border{ border-color:rgb(121, 26, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 26, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 26, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 26, 122);  
box-shadow:4px 4px 4px 4px rgb(121, 26,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 60.680, 327.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 26, 122) }
```

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

```
.background{ background-color: rgb(121, 26,  
122) }
```

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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