

Converting Colors

CIELCh(36, 39.774, 326.308)

Have a look what the booklet for
CIELCh(36, 39.774, 326.308)
contains.

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Color

CIELCh(36, 39.692, 326.792)

Conversions

Conversions Part 1

Format	Color
Hex	784078
RGB	120, 64, 120
RGB Percent	47%, 25%, 47%
CMY	0.5296, 0.7491, 0.5296
CMYK	0.00, 0.47, 0.00, 0.53
HSL	300°, 30%, 36%
HSV	300°, 47%, 47%
XYZ	12.9595, 9.0082, 18.8127
YIQ	87.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

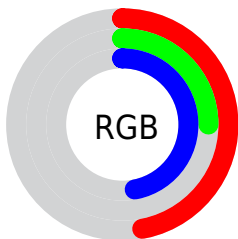
Format	Color
R_{YB}	120, 64, 120
Decimal	7880824
CIE _{Lab}	36.00, 33.21, -21.74
CIE _{LCh}	36, 39.692, 326.792
Yxy	9.0082, 0.3178, 0.2209
Android (android.graphics.Color)	4286070904 (0xFF784078)
YUV	87.1280, 16.2059, 28.8287
Hunter-Lab	30.0136, 24.5505, -16.1539

Details

The CIELCh color **36, 39.692, 326.792** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45, 39.823, 140.938**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 39.372, 327.216**, and **16, 39.451, 327.156** is the 20% darker color. If you saturate the color by 10%, you get **34, 47.175, 327.214**, and if you desaturate by 10%, it is **39, 31.567, 326.324**.

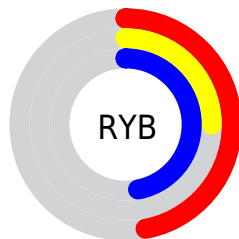
Distribution



Red (47%)

Green (25%)

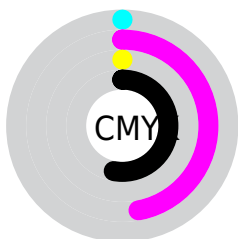
Blue (47%)



Red (47%)

Yellow (25%)

Blue (47%)

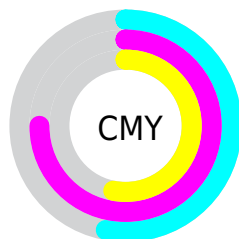


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (53%)



Cyan (53%)


Magenta (75%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 39.692, 326.792 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 36, 39.692, 326.792 by changing the saturation by 10% instead.


 36, 39.692,
326.792


 36, 39.692,
326.792

 100, 39.692,
326.792


 26, 39.692,
326.792

 56, 39.692,
326.792


 16, 39.692,
326.792


 66, 39.692,
326.792

 6, 39.692, 326.792

 76, 39.692,
326.792

 0, 39.692, 326.792

 86, 39.692,
326.792

 96, 39.692,
326.792

■ 36, 39.692,
326.792

■ 36, 39.692,
326.792

■ 34, 47.175,
327.214

■ 39, 31.567,
326.324

■ 31, 53.719,
327.573

■ 42, 23.069,
325.823

■ 30, 59.026,
327.858

■ 45, 14.409,
325.301

■ 29, 62.872,
328.061

■ 48, 5.742, 324.760

■ 52, 2.824, 144.334

■ 28, 65.380,
328.192

■ 55, 11.218,
143.780

■ 28, 66.168,
328.233

■ 59, 19.398,
143.282

■ 62, 27.343,
142.810

■ 66, 35.044,
142.363

Harmonies

Complementary

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



36, 39.692, 326.792



45, 39.823, 140.938

Rectangle

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



36, 39.692, 326.792



36, 39.692, 16.792



36, 39.692, 146.792



36, 39.692, 196.792

Sweetspot

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



36, 39.690, 326.792



58, 14.950, 325.177



30, 35.850, 296.401



30, 10.408, 325.272



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



36, 39.690, 326.792



44, 57.549, 327.241



35, 28.721, 348.238



24, 4.930, 324.894



29, 68.132, 328.233



60, 114.690, 328.233

Inverse Universe

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



36, 39.690, 326.792



44, 57.549, 327.241



46, 27.294, 159.116



24, 4.930, 324.894



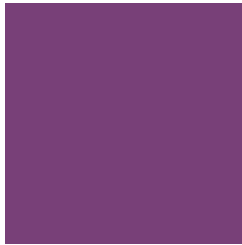
29, 68.132, 328.233



60, 114.690, 328.233

Previews

White Background



This preview shows how the CIELCh color 36, 39.692, 326.792 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 36, 39.692, 326.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

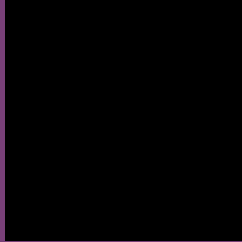
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 39.692, 326.792

Background



This preview shows how black text looks on a background with the CIELCh color 36, 39.692, 326.792.



This preview shows how white text looks on a background with the CIELCh color 36, 39.692, 326.792.

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

36, 39.692, 326.792

Protanopia

36, 32.416, 284.930

Deuteranopia

36, 19.960, 285.152



Tritanopia
36, 19.192, 11.652

Trichromacy



Original Color
36, 39.692, 326.792

Protanomaly
36, 33.148, 299.951

Deuteranomaly
36, 25.613, 306.538

Tritanomaly
36, 24.456, 346.792

Monochromacy



Original Color
36, 39.692, 326.792

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 14.914, 325.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 39.692, 326.792 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(120, 64, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 64, 120)  
}
```

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(120, 64, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 64, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 39.692, 326.792 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(120, 64, 120) }
```

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

```
.border{ border-color:rgb(120, 64, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 64, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 64, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 64, 120); box-shadow:4px 4px 4px 4px rgb(120, 64, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 39.692, 326.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 64, 120) }
```

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

```
.background{ background-color: rgb(120, 64,  
120) }
```

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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