

Converting Colors

CIELCh(34, 51.172, 327.350)

Have a look what the booklet for
CIELCh(34, 51.172, 327.350)
contains.

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Color

CIELCh(34, 51.132, 327.366)

Conversions

Conversions Part 1

Format	Color
Hex	7C317C
RGB	124, 49, 124
RGB Percent	49%, 19%, 49%
CMY	0.5122, 0.8063, 0.5122
CMYK	0.00, 0.60, 0.00, 0.51
HSL	300°, 43%, 34%
HSV	300°, 60%, 49%
XYZ	13.1462, 8.0082, 20.0483
YIQ	79.9750, 20.6250, 39.2250

Conversions

Conversions Part 2

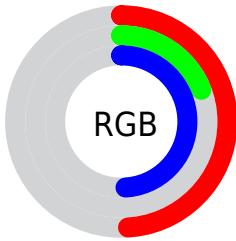
Format	Color
RYB	124, 49, 124
Decimal	8139132
CIELab	34.00, 43.06, -27.57
CIELCh	34, 51.132, 327.366
Yxy	8.0082, 0.3191, 0.1944
Android (android.graphics.Color)	4286329212 (0xFF7C317C)
YUV	79.9750, 21.7043, 38.6099
Hunter-Lab	28.2988, 33.3990, -22.1949

Details

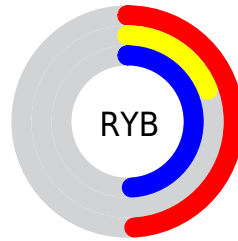
The CIELCh color $[34, 51.132, 327.366]$ is a dark color, and the websafe version is hex $\#660066$. A complement of this color would be $[46, 51.613, 139.483]$, and the grayscale version is $[34, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 51.265, 327.479]$, and $[15, 47.794, 326.807]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 57.412, 327.700]$, and if you desaturate by 10%, it is $[36, 43.754, 326.965]$.

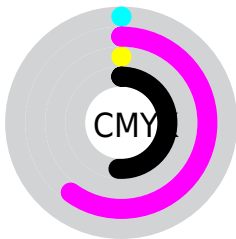
Distribution



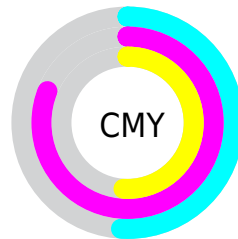
- Red (49%)
- Green (19%)
- Blue (49%)



- Red (49%)
- Yellow (19%)
- Blue (49%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (51%)




- Cyan (51%)
- Magenta (81%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 51.132, 327.366 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 34, 51.132, 327.366 by changing the saturation by 10% instead.


 34, 51.132,
327.366

 34, 51.132,
327.366

 100, 51.132,
327.366

 24, 51.132,
327.366

 54, 51.132,
327.366


 14, 51.132,
327.366

 64, 51.132,
327.366

 4, 51.132, 327.366

 74, 51.132,
327.366

 0, 51.132, 327.366

 84, 51.132,
327.366

 94, 51.132,
327.366

34, 51.132,
327.366

34, 51.132,
327.366

32, 57.412,
327.700

36, 43.754,
326.965

31, 62.312,
327.955

39, 35.601,
326.511

30, 65.647,
328.126

42, 26.964,
326.018

29, 67.904,
328.240

45, 18.084,
325.501

49, 9.143, 324.967

52, 0.271, 323.792

56, 8.446, 143.971

59, 16.954,
143.461

■ 63, 25.226,
142.979

Harmonies

Complementary

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



34, 51.132, 327.366



46, 51.613, 139.483

Rectangle

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



34, 51.132, 327.366



34, 51.132, 17.366



34, 51.132, 147.366



34, 51.132, 197.366

Sweetspot

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



34, 51.130, 327.366



59, 19.758, 325.402



25, 48.980, 299.129



29, 13.843, 325.532



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



34, 51.130, 327.366



41, 71.353, 327.795



32, 37.369, 350.283



24, 4.930, 324.899



29, 68.121, 328.240



60, 114.671, 328.241

Inverse Universe

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



34, 51.130, 327.366



41, 71.353, 327.795



47, 35.367, 157.229



24, 4.930, 324.899



29, 68.121, 328.240



60, 114.671, 328.241

Previews

White Background



This preview shows how the CIELCh color 34, 51.132, 327.366 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 34, 51.132, 327.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

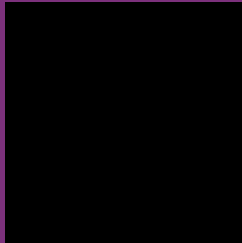
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 51.132, 327.366

Background



This preview shows how black text looks on a background with the CIELCh color 34, 51.132, 327.366.



This preview shows how white text looks on a background with the CIELCh color 34, 51.132, 327.366.

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

34, 51.132, 327.366

Protanopia

34, 45.760, 286.845

Deuteranopia

34, 24.733, 281.849



Tritanopia
34, 24.596, 16.751

Trichromacy



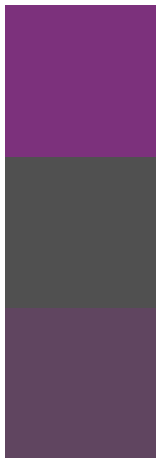
Original Color
34, 51.132, 327.366

Protanomaly
33, 45.898, 299.243

Deuteranomaly
33, 33.357, 305.630

Tritanomaly
34, 31.280, 348.303

Monochromacy



Original Color
34, 51.132, 327.366

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 20.243, 325.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 51.132, 327.366 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(124, 49, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 49, 124)  
}
```

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(124, 49, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 49, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 51.132, 327.366 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(124, 49, 124) }
```

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

```
.border{ border-color:rgb(124, 49, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 49, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 49, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 49, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 49,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 51.132, 327.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 49, 124) }
```

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

```
.background{ background-color: rgb(124, 49,  
124) }
```

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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