

Converting Colors

CIELCh(34, 27.738, 310.264)

Have a look what the booklet for
CIELCh(34, 27.738, 310.264)
contains.

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Color

CIELCh(34, 28.163, 310.465)

Conversions

Conversions Part 1

Format	Color
Hex	5C4772
RGB	92, 71, 114
RGB Percent	36%, 28%, 45%
CMY	0.6390, 0.7213, 0.5527
CMYK	0.19, 0.38, 0.00, 0.55
HSL	269°, 23%, 36%
HSV	269°, 38%, 45%
XYZ	9.7170, 8.0082, 16.9711
YIQ	82.1810, -1.2870, 17.8250

Conversions

Conversions Part 2

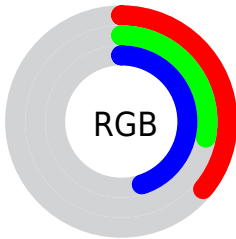
Format	Color
RYB	92, 71, 114
Decimal	6047602
CIELab	34.00, 18.28, -21.43
CIElCh	34, 28.163, 310.465
Yxy	8.0082, 0.2801, 0.2308
Android (android.graphics.Color)	4284237682 (0xFF5C4772)
YUV	82.1810, 15.6868, 8.6113
Hunter-Lab	28.2988, 11.7688, -15.7478

Details

The CIELCh color $[34, 28.163, 310.465]$ is a dark color, and the websafe version is hex $\#663366$. A complement of this color would be $[45, 26.725, 126.976]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 27.922, 310.380]$, and $[14, 28.318, 310.542]$ is the 20% darker color. If you saturate the color by 10%, you get $[30, 35.915, 310.995]$, and if you desaturate by 10%, it is $[38, 20.467, 309.942]$.

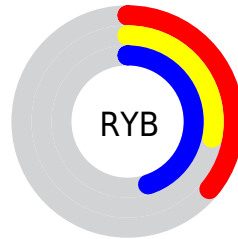
Distribution



Red (36%)

Green (28%)

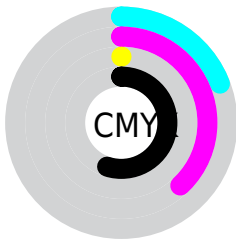
Blue (45%)



Red (36%)

Yellow (28%)

Blue (45%)

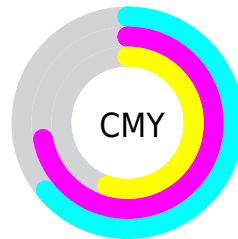


Cyan (19%)

Magenta (38%)

Yellow (0%)

Black (55%)



Cyan (64%)

Magenta (72%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 28.163, 310.465 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, 28.163, 310.465 by changing the saturation by 10% instead.

 34, 28.163,
310.465

 34, 28.163,
310.465

 100, 28.163,
310.465

 24, 28.163,
310.465

 54, 28.163,
310.465

 14, 28.163,
310.465

 64, 28.163,
310.465

 4, 28.163, 310.465

 74, 28.163,
310.465

 0, 28.163, 310.465

 84, 28.163,
310.465

 94, 28.163,
310.465

■ 34, 28.163,
310.465

■ 34, 28.163,
310.465

■ 30, 35.915,
310.995

■ 38, 20.467,
309.942

■ 27, 43.585,
311.499

■ 41, 12.913,
309.443

■ 24, 50.937,
311.929

■ 45, 5.543, 308.975

■ 21, 57.622,
312.213

■ 49, 1.622, 128.616

■ 53, 8.577, 128.201

■ 18, 63.180,
312.255

■ 56, 15.324,
127.860

■ 16, 67.667,
312.114

■ 60, 21.867,
127.561

■ 16, 68.771,
312.123

■ 64, 28.216,
127.298

■ 68, 34.380,
127.068

Harmonies

Complementary

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



34, 28.163, 310.465



45, 26.725, 126.976

Rectangle

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



34, 28.163, 310.465



34, 28.163, 0.465



34, 28.163, 130.465



34, 28.163, 180.465

Sweetspot

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



34, 28.162, 310.465



56, 9.843, 309.140



39, 14.718, 259.463



28, 6.580, 309.186



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



34, 28.162, 310.465



41, 41.880, 310.913



36, 30.983, 325.880



21, 4.000, 309.034



17, 71.287, 312.063



39, 122.486, 311.432

Inverse Universe

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



36, 22.505, 346.442



43, 33.100, 347.446



44, 30.983, 141.440



22, 3.253, 343.682



25, 48.785, 359.217



53, 82.851, 1.740

Previews

White Background



This preview shows how the CIELCh color 34, 28.163, 310.465 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 CIE LCh color 34, 28.163, 310.465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

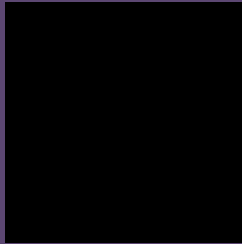
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 28.163, 310.465

Background



This preview shows how black text looks on a background with the CIELCh color 34, 28.163, 310.465.



This preview shows how white text looks on a background with the CIELCh color 34, 28.163, 310.465.

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, 28.163, 310.465

Protanopia

34, 25.848, 284.823

Deuteranopia

34, 20.855, 283.934



Tritanopia
34, 6.163, 334.978

Trichromacy



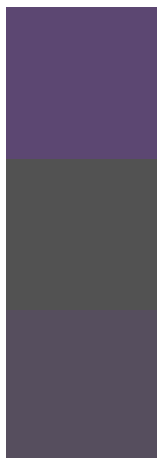
Original Color
34, 28.163, 310.465

Protanomaly
34, 26.360, 293.760

Deuteranomaly
34, 23.265, 294.908

Tritanomaly
34, 13.862, 316.558

Monochromacy



Original Color
34, 28.163, 310.465

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 10.596, 309.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 28.163, 310.465 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(92, 71, 114)` looks like.

```
.text, #text, p{  
    color:rgb(92, 71, 114)  
}
```

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(92, 71, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 71, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 28.163, 310.465 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(92, 71, 114) }
```

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

```
.border{ border-color:rgb(92, 71, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 71, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 71, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 71, 114);  
box-shadow:4px 4px 4px 4px rgb(92, 71,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 28.163, 310.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 71, 114) }
```

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

```
.background{ background-color: rgb(92, 71,  
114) }
```

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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