

Converting Colors

CIELCh(34, 12.436, 309.355)

Have a look what the booklet for
CIELCh(34, 12.436, 309.355)
contains.

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Color

CIELCh(34, 12.548, 309.032)

Conversions

Conversions Part 1

Format	Color
Hex	554C5F
RGB	85, 76, 95
RGB Percent	33%, 30%, 37%
CMY	0.6651, 0.7004, 0.6258
CMYK	0.10, 0.20, 0.00, 0.63
HSL	268°, 11%, 34%
HSV	268°, 20%, 37%
XYZ	8.4799, 8.0082, 12.0243
YIQ	80.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

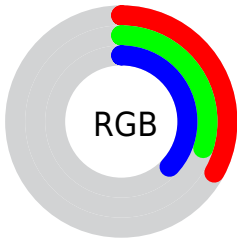
Format	Color
R_{YB}	85, 76, 95
Decimal	5590111
CIE Lab	34.00, 7.90, -9.75
CIE LCh	34, 12.548, 309.032
Yxy	8.0082, 0.2974, 0.2809
Android (android.graphics.Color)	4283780191 (0xFF554C5F)
YUV	80.8570, 6.9725, 3.6334
Hunter-Lab	28.2988, 3.9657, -5.3835

Details

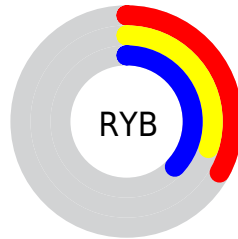
The CIELCh color $[34, 12.548, 309.032]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[39, 12.216, 127.293]$, and the grayscale version is $[35, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 12.219, 309.672]$, and $[14, 12.694, 309.483]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 19.081, 309.535]$, and if you desaturate by 10%, it is $[37, 6.168, 308.559]$.

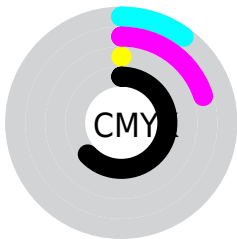
Distribution



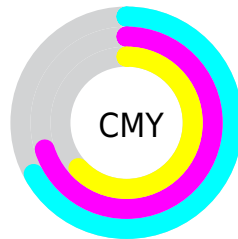
- Red (33%)
- Green (30%)
- Blue (37%)



- Red (33%)
- Yellow (30%)
- Blue (37%)



- Cyan (10%)
- Magenta (20%)
- Yellow (0%)
- Black (63%)





- Cyan (67%)
- Magenta (70%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 12.548, 309.032 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, 12.548, 309.032 by changing the saturation by 10% instead.


 34, 12.548,
309.032


 34, 12.548,
309.032

 100, 12.548,
309.032


 24, 12.548,
309.032

 54, 12.548,
309.032


 14, 12.548,
309.032


 64, 12.548,
309.032

 4, 12.548, 309.032

 74, 12.548,
309.032

 0, 12.548, 309.032

 84, 12.548,
309.032

 94, 12.548,
309.032

■ 34, 12.548,
309.032

■ 34, 12.548,
309.032

■ 31, 19.081,
309.535

■ 37, 6.168, 308.559

■ 28, 25.733,
310.064

■ 41, 0.039, 129.803

■ 44, 6.065, 127.770

■ 24, 32.431,
310.600

■ 47, 11.914,
127.421

■ 21, 39.052,
311.111

■ 50, 17.589,
127.115

■ 19, 45.395,
311.548

■ 53, 23.098,
126.846

■ 16, 51.163,
311.840

■ 57, 28.447,
126.610

■ 14, 55.964,
311.895

■ 60, 33.646,
126.405

■ 12, 60.647,

312.040

■ 63, 38.703,
126.226

■ 12, 60.684,
312.043

Harmonies

Complementary

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



34, 12.548, 309.032



39, 12.216, 127.293

Rectangle

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



34, 12.548, 309.032



34, 12.548, 359.032



34, 12.548, 129.032



34, 12.548, 179.032

Sweetspot

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



34, 12.547, 309.031



50, 4.631, 308.389



36, 6.725, 254.286



25, 3.097, 308.407



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



34, 12.547, 309.031



43, 18.983, 309.270



35, 14.131, 324.514



18, 3.524, 308.512



15, 68.163, 311.823



38, 119.968, 311.133

Inverse Universe

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



35, 10.291, 343.818



44, 15.525, 344.250



38, 14.104, 142.438



18, 2.903, 342.883



23, 46.766, 357.617



52, 81.151, 0.255

Previews

White Background



This preview shows how the CIELCh color 34, 12.548, 309.032 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, 12.548, 309.032 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, 12.548, 309.032

Background



This preview shows how black text looks on a background with the CIELCh color 34, 12.548, 309.032.



This preview shows how white text looks on a background with the CIELCh color 34, 12.548, 309.032.

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, 12.548, 309.032

Protanopia

34, 11.331, 286.153

Deuteranopia

34, 10.730, 296.262



Tritanopia
34, 5.107, 320.817

Trichromacy



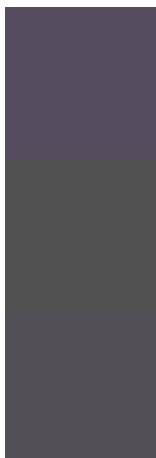
Original Color
34, 12.548, 309.032

Protanomaly
34, 11.329, 294.104

Deuteranomaly
34, 11.535, 302.113

Tritanomaly
34, 8.286, 315.177

Monochromacy



Original Color
34, 12.548, 309.032

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 4.726, 311.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 12.548, 309.032 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(85, 76, 95)` looks like.

```
.text, #text, p{  
    color:rgb(85, 76, 95)  
}
```

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(85, 76, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 76, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 12.548, 309.032 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(85, 76, 95) }
```

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

```
.border{ border-color:rgb(85, 76, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 76, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 76, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 76, 95);  
box-shadow:4px 4px 4px 4px rgb(85, 76, 95)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 12.548, 309.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 76, 95) }
```

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

```
.background{ background-color: rgb(85, 76,  
95) }
```

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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