

Converting Colors

CIELCh(35, 8.813, 318.720)

Have a look what the booklet for
CIELCh(35, 8.813, 318.720) contains.

CIELCh(35, 9.169, 318.437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(35, 9.169, 318.437)

Conversions

Conversions Part 1

Format	Color
Hex	594F5C
RGB	89, 79, 92
RGB Percent	35%, 31%, 36%
CMY	0.6508, 0.6900, 0.6390
CMYK	0.03, 0.14, 0.00, 0.64
HSL	286°, 8%, 34%
HSV	286°, 14%, 36%
XYZ	8.8576, 8.4984, 11.3097
YIQ	83.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

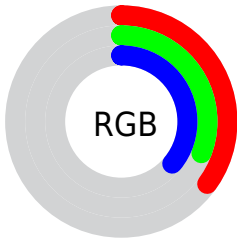
Format	Color
R_YB	89, 79, 92
Decimal	5853020
CIE Lab	35.00, 6.86, -6.08
CIE LCh	35, 9.169, 318.437
Yxy	8.4984, 0.3090, 0.2965
Android (android.graphics.Color)	4284043100 (0xFF594F5C)
YUV	83.4720, 4.2043, 4.8481
Hunter-Lab	29.1520, 3.2196, -2.5955

Details

The CIELCh color **35, 9.169, 318.437** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 9.096, 137.294**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 9.153, 318.782**, and **15, 8.647, 317.419** is the 20% darker color. If you saturate the color by 10%, you get **32, 15.768, 318.850**, and if you desaturate by 10%, it is **38, 2.655, 318.003**.

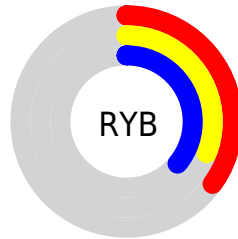
Distribution



 Red (35%)

 Green (31%)

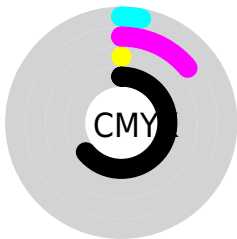
 Blue (36%)



 Red (35%)

 Yellow (31%)

 Blue (36%)

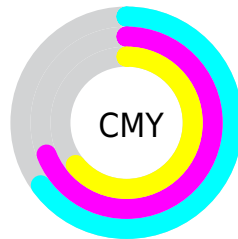


 Cyan (3%)

 Magenta (14%)

 Yellow (0%)

 Black (64%)



 Cyan (65%)

 Magenta (69%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 9.169, 318.437 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 35, 9.169, 318.437 by changing the saturation by 10% instead.

■ 35, 9.169, 318.437

■ 35, 9.169, 318.437

■ 100, 9.169,
318.437

■ 25, 9.169, 318.437

■ 55, 9.169, 318.437

■ 15, 9.169, 318.437

■ 65, 9.169, 318.437

■ 5, 9.169, 318.437

■ 75, 9.169, 318.437

■ 0, 9.169, 318.437

■ 85, 9.169, 318.437

■ 95, 9.169, 318.437

■ 35, 9.169, 318.437

■ 35, 9.169, 318.437

■ 32, 15.768,
318.850

■ 38, 2.655, 318.003

■ 29, 22.391,
319.255

■ 41, 3.731, 137.689

■ 27, 28.935,
319.637

■ 44, 9.965, 137.302

■ 24, 35.258,
319.972

■ 47, 16.038,
136.952

■ 22, 41.163,
320.232

■ 50, 21.945,
136.630

■ 20, 46.403,
320.380

■ 53, 27.687,
136.333

■ 18, 50.707,
320.375

■ 56, 33.269,
136.061

■ 17, 54.041,
320.221

■ 59, 38.697,
135.813

■ 16, 56.064,
320.166

■ 61, 43.979,
135.587

Harmonies

Complementary

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



35, 9.169, 318.437



38, 9.096, 137.294

Rectangle

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



35, 9.169, 318.437



35, 9.169, 8.437



35, 9.169, 138.437



35, 9.169, 188.437

Sweetspot

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



35, 9.168, 318.436



49, 3.201, 318.004



35, 6.317, 279.989



25, 2.294, 318.031



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



35, 9.168, 318.436



44, 13.751, 318.578



35, 8.138, 333.820



17, 3.613, 318.214



20, 63.436, 320.004



47, 112.066, 319.515

Inverse Universe

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



35, 5.982, 2.160



44, 9.016, 2.518



38, 8.098, 152.079



17, 2.340, 1.625



21, 47.922, 24.093



50, 86.916, 28.023

Previews

White Background



This preview shows how the CIELCh color 35, 9.169, 318.437 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 35, 9.169, 318.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

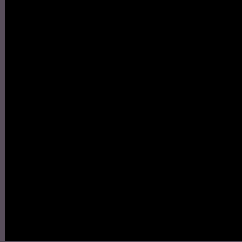
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 9.169, 318.437

Background



This preview shows how black text looks on a background with the CIELCh color 35, 9.169, 318.437.



This preview shows how white text looks on a background with the CIELCh color 35, 9.169, 318.437.

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

35, 9.169, 318.437

Protanopia

35, 7.516, 285.276

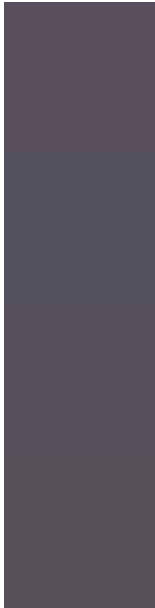
Deuteranopia

35, 7.935, 309.606



Tritanopia
35, 5.091, 332.846

Trichromacy



Original Color

35, 9.169, 318.437

Protanomaly

35, 7.558, 297.630

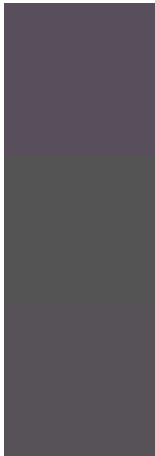
Deuteranomaly

35, 8.076, 312.429

Tritanomaly

35, 6.063, 324.876

Monochromacy



Original Color

35, 9.169, 318.437

Achromatopsia

36, 0.005, 296.813

Achromatomaly

35, 3.567, 319.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 9.169, 318.437 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(89, 79, 92)` looks like.

```
.text, #text, p{  
    color:rgb(89, 79, 92)  
}
```

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(89, 79, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 79, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 9.169, 318.437 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(89, 79, 92) }
```

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

```
.border{ border-color:rgb(89, 79, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 79, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 79, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 79, 92);  
box-shadow:4px 4px 4px 4px rgb(89, 79, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 9.169, 318.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 79, 92) }
```

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

```
.background{ background-color: rgb(89, 79,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor