

Converting Colors

CIELCh(35, 18.784, 359.866)

Have a look what the booklet for
CIELCh(35, 18.784, 359.866)
contains.

CIELCh(35, 18.988, 359.874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 18.988, 359.874)

Conversions

Conversions Part 1

Format	Color
Hex	6F4753
RGB	111, 71, 83
RGB Percent	44%, 28%, 33%
CMY	0.5649, 0.7218, 0.6747
CMYK	0.00, 0.36, 0.25, 0.56
HSL	342°, 22%, 36%
HSV	342°, 36%, 44%
XYZ	10.3566, 8.4984, 9.2665
YIQ	84.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

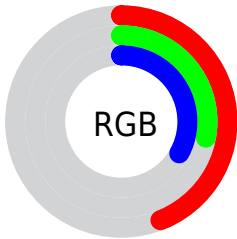
Format	Color
R_{YB}	111, 71, 83
Decimal	7292755
CIE Lab	35.00, 18.99, -0.04
CIE LCh	35, 18.988, 359.874
Yxy	8.4984, 0.3683, 0.3022
Android (android.graphics.Color)	4285482835 (0xFF6F4753)
YUV	84.3280, -0.6547, 23.3913
Hunter-Lab	29.1520, 12.3981, 1.5600

Details

The CIELCh color **35, 18.988, 359.874** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **44, 17.151, 172.535**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 19.062, 0.720**, and **15, 19.185, 0.347** is the 20% darker color. If you saturate the color by 10%, you get **32, 24.432, 1.442**, and if you desaturate by 10%, it is **38, 13.541, 358.560**.

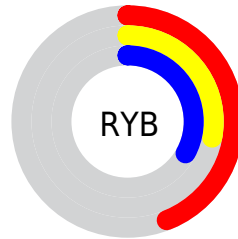
Distribution



Red (44%)

Green (28%)

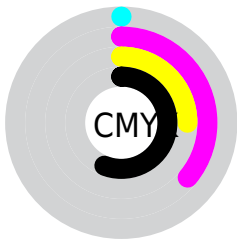
Blue (33%)



Red (44%)

Yellow (28%)

Blue (33%)

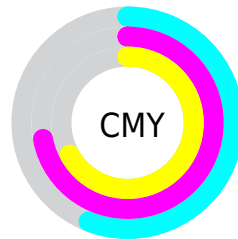


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (56%)



Cyan (56%)


Magenta (72%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 18.988, 359.874 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, 18.988, 359.874 by changing the saturation by 10% instead.


 35, 18.988,
359.874


 35, 18.988,
359.874

 100, 18.988,
359.874


 25, 18.988,
359.874

 55, 18.988,
359.874


 15, 18.988,
359.874


 65, 18.988,
359.874

 5, 18.988, 359.874

 75, 18.988,
359.874

 0, 18.988, 359.874

 85, 18.988,
359.874

 95, 18.988,
359.874

35, 18.988,
359.874

35, 18.988,
359.874

32, 24.432, 1.442

38, 13.541,
358.560

29, 29.723, 3.342

41, 8.203, 357.427

27, 34.656, 5.691

45, 3.034, 356.391

25, 39.010, 8.627

48, 1.934, 175.798

23, 42.608, 12.297

52, 6.689, 174.922

22, 45.577, 16.614

55, 11.233,
174.216

22, 46.836, 18.227

59, 15.577,
173.586

62, 19.732,
173.013

66, 23.715,

Harmonies

Complementary

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



35, 18.988, 359.874



44, 17.151, 172.535

Rectangle

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



35, 18.988, 359.874



35, 18.988, 49.874



35, 18.988, 179.874



35, 18.988, 229.874

Sweetspot

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



35, 18.986, 359.877



56, 6.954, 356.933



35, 27.218, 317.194



28, 4.718, 357.036



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



35, 18.986, 359.877



43, 28.447, 1.125



37, 15.857, 39.288



22, 2.863, 356.700



24, 49.601, 18.751



52, 86.228, 22.253

Inverse Universe

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



35, 18.986, 359.877



43, 28.447, 1.125



41, 12.466, 221.193



22, 2.863, 356.700



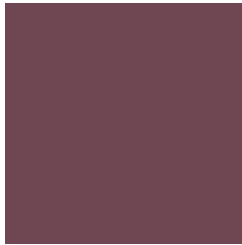
24, 49.601, 18.751



52, 86.228, 22.253

Previews

White Background



This preview shows how the CIELCh color 35, 18.988, 359.874 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 35, 18.988, 359.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

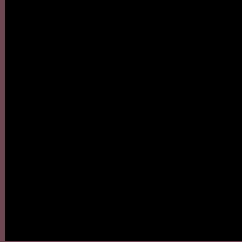
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 18.988, 359.874

Background



This preview shows how black text looks on a background with the CIELCh color 35, 18.988, 359.874.



This preview shows how white text looks on a background with the CIELCh color 35, 18.988, 359.874.

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, 18.988, 359.874

Protanopia

35, 4.994, 291.020

Deuteranopia

35, 4.862, 12.761



Tritanopia
35, 17.404, 12.198

Trichromacy



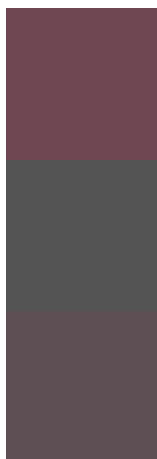
Original Color
35, 18.988, 359.874

Protanomaly
35, 8.546, 339.761

Deuteranomaly
35, 9.738, 2.424

Tritanomaly
35, 17.502, 8.184

Monochromacy



Original Color
35, 18.988, 359.874

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 7.226, 355.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 18.988, 359.874 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(111, 71, 83)` looks like.

```
.text, #text, p{  
    color:rgb(111, 71, 83)  
}
```

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(111, 71, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 71, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 18.988, 359.874 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(111, 71, 83) }
```

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

```
.border{ border-color:rgb(111, 71, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 71, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 71, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 71, 83);  
box-shadow:4px 4px 4px 4px rgb(111, 71,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 18.988, 359.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 71, 83) }
```

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

```
.background{ background-color: rgb(111, 71,  
83) }
```

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