

Converting Colors

CIELCh(35, 29.558, 20.892)

Have a look what the booklet for
CIELCh(35, 29.558, 20.892) contains.

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Color

CIELCh(35, 29.851, 20.254)

Conversions

Conversions Part 1

Format	Color
Hex	7F3F43
RGB	127, 63, 67
RGB Percent	50%, 25%, 26%
CMY	0.5014, 0.7524, 0.7368
CMYK	0.00, 0.50, 0.47, 0.50
HSL	356°, 34%, 37%
HSV	356°, 50%, 50%
XYZ	11.5746, 8.4984, 6.3593
YIQ	82.5920, 36.8600, 14.8120

Conversions

Conversions Part 2

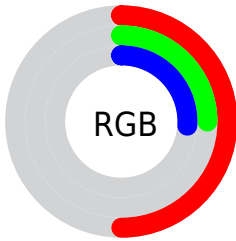
Format	Color
RYB	127, 63, 67
Decimal	8339267
CIELab	35.00, 28.01, 10.33
CIElCh	35, 29.851, 20.254
Yxy	8.4984, 0.4379, 0.3215
Android (android.graphics.Color)	4286529347 (0xFF7F3F43)
YUV	82.5920, -7.6869, 38.9458
Hunter-Lab	29.1520, 19.8560, 7.4728

Details

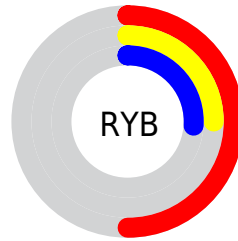
The CIELCh color **35, 29.851, 20.254** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **49, 21.928, 190.945**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 29.844, 19.812**, and **15, 29.715, 20.823** is the 20% darker color. If you saturate the color by 10%, you get **32, 36.447, 22.550**, and if you desaturate by 10%, it is **38, 23.334, 18.451**.

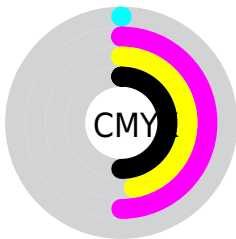
Distribution



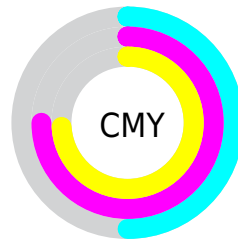
- Red (50%)
- Green (25%)
- Blue (26%)



- Red (50%)
- Yellow (25%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (47%)
- Black (50%)



- Cyan (50%)
- Magenta (75%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 29.851, 20.254 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, 29.851, 20.254 by changing the saturation by 10% instead.

■ 35, 29.851, 20.254

■ 35, 29.851, 20.254

■ 100, 29.851,
20.254

■ 25, 29.851, 20.254

■ 55, 29.851, 20.254

■ 15, 29.851, 20.254

■ 65, 29.851, 20.254

■ 5, 29.851, 20.254

■ 75, 29.851, 20.254

■ 0, 29.851, 20.254

■ 85, 29.851, 20.254

■ 95, 29.851, 20.254

■ 35, 29.851, 20.254

■ 35, 29.851, 20.254

■ 32, 36.447, 22.550

■ 38, 23.334, 18.451

30, 42.936, 25.432

42, 17.042, 17.024

28, 49.103, 28.943

45, 11.064, 15.881

26, 54.703, 32.923

49, 5.440, 14.933

25, 59.155, 35.819

53, 0.178, 12.075

57, 4.735, 193.725

61, 9.325, 193.165

65, 13.621,
192.710

69, 17.654,
192.323

Harmonies

Complementary

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



35, 29.851, 20.254



49, 21.928, 190.945

Rectangle

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



35, 29.851, 20.254



35, 29.851, 70.254



35, 29.851, 200.254



35, 29.851, 250.254

Sweetspot

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



35, 29.849, 20.257



61, 9.963, 15.390



37, 44.027, 324.959



31, 6.892, 15.560



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



35, 29.849, 20.257



42, 45.080, 22.829



42, 24.583, 62.609



25, 2.957, 14.822



25, 59.292, 35.842



0, 0.000, 0.000

Inverse Universe

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



35, 29.849, 20.257



42, 45.080, 22.829



41, 20.059, 256.464



25, 2.957, 14.822



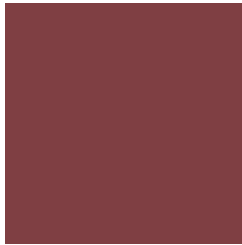
25, 59.292, 35.842



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 35, 29.851, 20.254 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, 29.851, 20.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

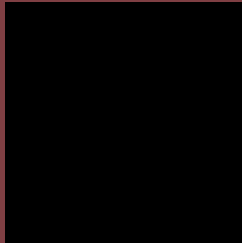
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 29.851, 20.254

Background



This preview shows how black text looks on a background with the CIELCh color 35, 29.851, 20.254.



This preview shows how white text looks on a background with the CIELCh color 35, 29.851, 20.254.

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, 29.851, 20.254

Protanopia

35, 3.943, 89.904

Deuteranopia

35, 12.871, 69.896



Tritanopia
35, 29.753, 19.091

Trichromacy



Original Color
35, 29.851, 20.254

Protanomaly
35, 11.651, 30.215

Deuteranomaly
35, 17.284, 40.261

Tritanomaly
35, 29.753, 19.091

Monochromacy



Original Color
35, 29.851, 20.254

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 10.363, 17.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 29.851, 20.254 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(127, 63, 67)` looks like.

```
.text, #text, p{  
    color:rgb(127, 63, 67)  
}
```

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(127, 63, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 63, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 29.851, 20.254 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(127, 63, 67) }
```

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

```
.border{ border-color:rgb(127, 63, 67) }
```

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

Here you see how a box with a 4 pixel rgb(127, 63, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 63, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 63, 67);  
box-shadow:4px 4px 4px 4px rgb(127, 63,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 29.851, 20.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 63, 67) }
```

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

```
.background{ background-color: rgb(127, 63,  
67) }
```

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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