

Converting Colors

CIELCh(35, 28.447, 27.403)

Have a look what the booklet for
CIELCh(35, 28.447, 27.403) contains.

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Color

CIELCh(35, 28.684, 26.720)

Conversions

Conversions Part 1

Format	Color
Hex	7D413F
RGB	125, 65, 63
RGB Percent	49%, 25%, 25%
CMY	0.5098, 0.7451, 0.7530
CMYK	0.00, 0.48, 0.50, 0.51
HSL	2°, 33%, 37%
HSV	2°, 50%, 49%
XYZ	11.2437, 8.4984, 5.7496
YIQ	82.7120, 36.4020, 12.0980

Conversions

Conversions Part 2

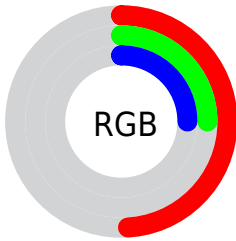
Format	Color
R_{YB}	125, 65, 63
Decimal	8208703
CIE Lab	35.00, 25.62, 12.90
CIE LCh	35, 28.684, 26.720
Yxy	8.4984, 0.4411, 0.3334
Android (android.graphics.Color)	4286398783 (0xFF7D413F)
YUV	82.7120, -9.7180, 37.0866
Hunter-Lab	29.1520, 17.8302, 8.7126

Details

The CIELCh color **35, 28.684, 26.720** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **48, 20.145, 200.716**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 28.611, 26.079**, and **15, 28.349, 26.536** is the 20% darker color. If you saturate the color by 10%, you get **32, 35.451, 28.603**, and if you desaturate by 10%, it is **38, 22.156, 25.265**.

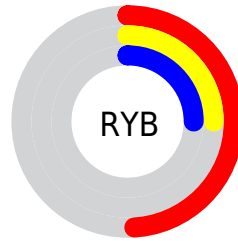
Distribution



Red (49%)

Green (25%)

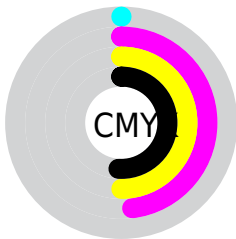
Blue (25%)



Red (49%)

Yellow (25%)

Blue (25%)

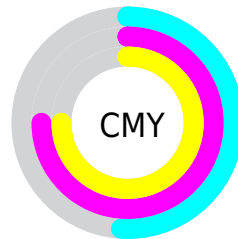


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (51%)



Cyan (51%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 28.684, 26.720 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, 28.684, 26.720 by changing the saturation by 10% instead.

■ 35, 28.684, 26.720

■ 35, 28.684, 26.720

■ 100, 28.684,
26.720

■ 25, 28.684, 26.720

■ 55, 28.684, 26.720

■ 15, 28.684, 26.720

■ 65, 28.684, 26.720

■ 5, 28.684, 26.720

■ 75, 28.684, 26.720

■ 0, 28.684, 26.720

■ 85, 28.684, 26.720

■ 95, 28.684, 26.720

■ 35, 28.684, 26.720

■ 35, 28.684, 26.720

■ 32, 35.451, 28.603

■ 38, 22.156, 25.265

■ 30, 42.299, 30.968

■ 42, 15.973, 24.145

■ 28, 48.987, 33.793

■ 45, 10.184, 23.281

■ 26, 55.045, 36.740

■ 49, 4.800, 22.589

■ 25, 59.468, 38.763

■ 53, 0.191, 204.228

■ 25, 59.639, 38.840

■ 56, 4.816, 201.877

■ 60, 9.109, 201.547

■ 64, 13.105,
201.310

■ 68, 16.838,
201.131

Harmonies

Complementary

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



35, 28.684, 26.720



48, 20.145, 200.716

Rectangle

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



35, 28.684, 26.720



35, 28.684, 76.720



35, 28.684, 206.720



35, 28.684, 256.720

Sweetspot

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



35, 28.682, 26.723



60, 9.536, 22.973



37, 42.903, 327.413



30, 6.516, 23.095



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



35, 28.682, 26.723



42, 44.590, 29.003



43, 24.278, 71.125



25, 2.858, 22.558



26, 60.649, 38.990



0, 0.000, 0.000

Inverse Universe

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



48, 20.145, 200.716



61, 28.343, 200.641



38, 21.473, 266.067



26, 2.704, 201.897



47, 28.710, 201.436



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 35, 28.684, 26.720 looks on a white background.

Color Contrast Check

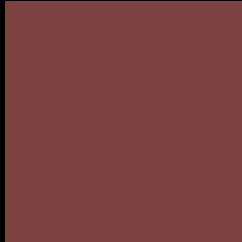
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.684, 26.720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

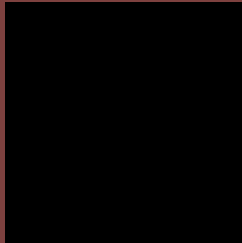
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 28.684, 26.720

Background



This preview shows how black text looks on a background with the CIELCh color 35, 28.684, 26.720.

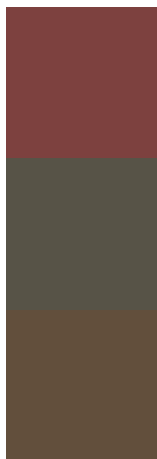


This preview shows how white text looks on a background with the CIELCh color 35, 28.684, 26.720.

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, 28.684, 26.720

Protanopia

35, 7.651, 95.207

Deuteranopia

35, 15.051, 70.914



Tritanopia
35, 28.321, 18.467

Trichromacy



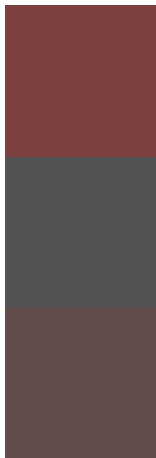
Original Color
35, 28.684, 26.720

Protanomaly
35, 12.817, 43.574

Deuteranomaly
35, 18.552, 46.932

Tritanomaly
35, 28.510, 20.909

Monochromacy



Original Color
35, 28.684, 26.720

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 9.932, 20.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 28.684, 26.720 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(125, 65, 63)` looks like.

```
.text, #text, p{  
    color:rgb(125, 65, 63)  
}
```

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(125, 65, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 65, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 28.684, 26.720 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(125, 65, 63) }
```

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

```
.border{ border-color:rgb(125, 65, 63) }
```

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

Here you see how a box with a 4 pixel rgb(125, 65, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 65, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 65, 63);  
box-shadow:4px 4px 4px 4px rgb(125, 65,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 28.684, 26.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 65, 63) }
```

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

```
.background{ background-color: rgb(125, 65,  
63) }
```

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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