

Converting Colors

CIELCh(35, 7.020, 10.432)

Have a look what the booklet for
CIELCh(35, 7.020, 10.432) contains.

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Color

CIELCh(35, 6.659, 15.052)

Conversions

Conversions Part 1

Format	Color
Hex	5E4F50
RGB	94, 79, 80
RGB Percent	37%, 31%, 31%
CMY	0.6324, 0.6912, 0.6872
CMYK	0.00, 0.16, 0.15, 0.63
HSL	356°, 9%, 34%
HSV	356°, 16%, 37%
XYZ	8.8073, 8.4984, 8.7180
YIQ	83.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

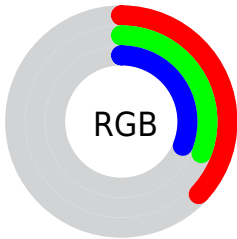
Format	Color
R_{YB}	94, 79, 80
Decimal	6180688
CIE Lab	35.00, 6.43, 1.73
CIE LCh	35, 6.659, 15.052
Yxy	8.4984, 0.3384, 0.3266
Android (android.graphics.Color)	4284370768 (0xFF5E4F50)
YUV	83.5990, -1.7743, 9.1217
Hunter-Lab	29.1520, 2.9116, 2.6755

Details

The CIELCh color **35, 6.659, 15.052** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 6.125, 192.889**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 6.898, 15.353**, and **15, 6.619, 15.050** is the 20% darker color. If you saturate the color by 10%, you get **32, 11.171, 16.064**, and if you desaturate by 10%, it is **38, 2.414, 14.172**.

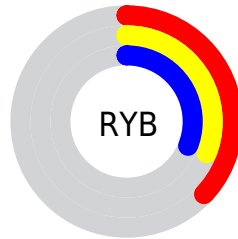
Distribution



 Red (37%)

 Green (31%)

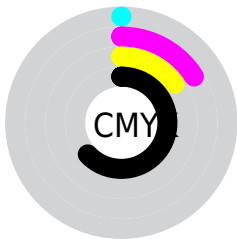
 Blue (31%)



 Red (37%)

 Yellow (31%)

 Blue (31%)

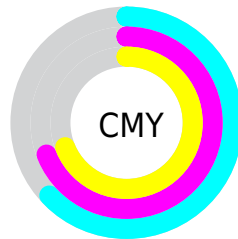


 Cyan (0%)

 Magenta (16%)

 Yellow (15%)

 Black (63%)



 Cyan (63%)

 Magenta (69%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 6.659, 15.052 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, 6.659, 15.052 by changing the saturation by 10% instead.

 35, 6.659, 15.052  35, 6.659, 15.052

 100, 6.659, 15.052  25, 6.659, 15.052

 55, 6.659, 15.052  15, 6.659, 15.052

 65, 6.659, 15.052  5, 6.659, 15.052

 75, 6.659, 15.052  0, 6.659, 15.052

 85, 6.659, 15.052

 95, 6.659, 15.052

 35, 6.659, 15.052  35, 6.659, 15.052

 32, 11.171, 16.064  38, 2.414, 14.172

 29, 15.936, 17.290  41, 1.562, 193.834

27, 20.908, 18.817

44, 5.285, 193.130

24, 26.005, 20.736

47, 8.774, 192.628

22, 31.110, 23.149

50, 12.052,
192.206

20, 36.074, 26.138

53, 15.139,
191.841

19, 40.715, 29.634

18, 44.368, 31.773

56, 18.057,
191.523

17, 45.702, 32.113

60, 20.824,
191.240

63, 23.459,
190.989

Harmonies

Complementary

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



35, 6.659, 15.052



39, 6.125, 192.889

Rectangle

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



35, 6.659, 15.052



35, 6.659, 65.052



35, 6.659, 195.052



35, 6.659, 245.052

Sweetspot

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



35, 6.658, 15.061



49, 2.504, 14.091



35, 11.049, 323.378



25, 1.695, 14.136



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, 6.658, 15.061



44, 9.969, 15.402



37, 5.504, 66.196



17, 2.240, 14.426



21, 52.204, 34.185



50, 96.327, 37.958

Inverse Universe

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



35, 6.658, 15.061



44, 9.969, 15.402



37, 5.215, 249.783



17, 2.240, 14.426



21, 52.204, 34.185



50, 96.327, 37.958

Previews

White Background



This preview shows how the CIELCh color 35, 6.659, 15.052 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, 6.659, 15.052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

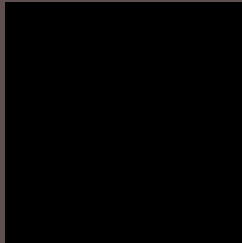
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 6.659, 15.052

Background



This preview shows how black text looks on a background with the CIELCh color 35, 6.659, 15.052.

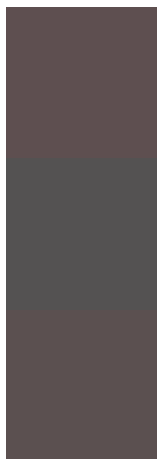


This preview shows how white text looks on a background with the CIELCh color 35, 6.659, 15.052.

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, 6.659, 15.052

Protanopia

35, 0.862, 19.194

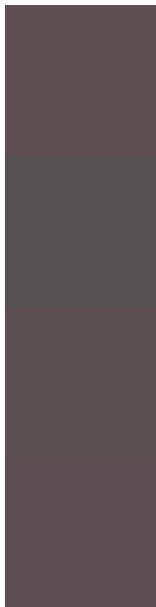
Deuteranopia

35, 4.841, 20.068



Tritanopia
35, 7.893, 352.461

Trichromacy



Original Color
35, 6.659, 15.052

Protanomaly
35, 3.052, 19.761

Deuteranomaly
35, 5.290, 20.140

Tritanomaly
35, 7.437, 1.057

Monochromacy



Original Color
35, 6.659, 15.052

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 2.679, 6.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 6.659, 15.052 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(94, 79, 80)` looks like.

```
.text, #text, p{  
    color:rgb(94, 79, 80)  
}
```

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(94, 79, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 79, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 6.659, 15.052 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(94, 79, 80) }
```

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

```
.border{ border-color:rgb(94, 79, 80) }
```

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

Here you see how a box with a 4 pixel rgb(94, 79, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 79, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 79, 80);  
box-shadow:4px 4px 4px 4px rgb(94, 79, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 6.659, 15.052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 79, 80) }
```

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

```
.background{ background-color: rgb(94, 79,  
80) }
```

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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