

Converting Colors

CIELCh(35, 18.940, 356.288)

Have a look what the booklet for
CIELCh(35, 18.940, 356.288)
contains.

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Color

CIELCh(35, 18.967, 355.694)

Conversions

Conversions Part 1

Format	Color
Hex	6E4755
RGB	110, 71, 85
RGB Percent	43%, 28%, 33%
CMY	0.5682, 0.7212, 0.6663
CMYK	0.00, 0.35, 0.23, 0.57
HSL	338°, 22%, 36%
HSV	338°, 35%, 43%
XYZ	10.3469, 8.4984, 9.7102
YIQ	84.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

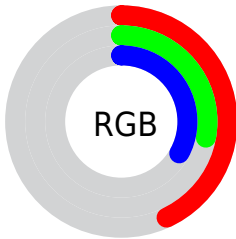
Format	Color
R_{YB}	110, 71, 85
Decimal	7227221
CIE Lab	35.00, 18.91, -1.42
CIE LCh	35, 18.967, 355.694
Yxy	8.4984, 0.3623, 0.2976
Android (android.graphics.Color)	4285417301 (0xFF6E4755)
YUV	84.2570, 0.3663, 22.5766
Hunter-Lab	29.1520, 12.3388, 0.6575

Details

The CIELCh color $35, 18.967, 355.694$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $43, 17.525, 168.650$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 18.873, 354.746$, and $15, 19.137, 355.499$ is the 20% darker color. If you saturate the color by 10%, you get $32, 24.415, 357.150$, and if you desaturate by 10%, it is $38, 13.477, 354.458$.

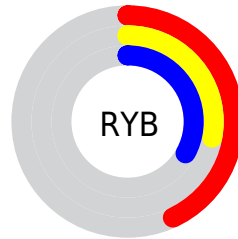
Distribution



Red (43%)

Green (28%)

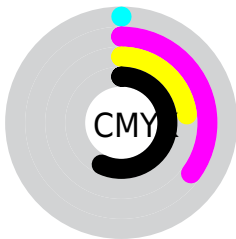
Blue (33%)



Red (43%)

Yellow (28%)

Blue (33%)

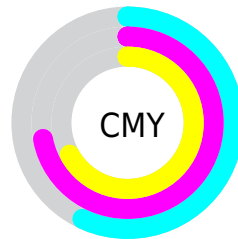


Cyan (0%)

Magenta (35%)

Yellow (23%)

Black (57%)



Cyan (57%)


Magenta (72%)


Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 18.967, 355.694 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, 18.967, 355.694 by changing the saturation by 10% instead.


 35, 18.967,
355.694


 35, 18.967,
355.694

 100, 18.967,
355.694


 25, 18.967,
355.694

 55, 18.967,
355.694


 15, 18.967,
355.694


 65, 18.967,
355.694

 5, 18.967, 355.694

 75, 18.967,
355.694

 0, 18.967, 355.694

 85, 18.967,
355.694

 95, 18.967,
355.694

35, 18.967,
355.694

35, 18.967,
355.694

32, 24.415,
357.150

38, 13.477,
354.458

29, 29.662,
358.896

41, 8.062, 353.377

45, 2.790, 352.371

27, 34.494, 1.033

48, 2.303, 171.771

25, 38.674, 3.694

51, 7.200, 170.933

23, 42.003, 7.029

55, 11.899,
170.236

22, 44.551, 11.040

58, 16.408,
169.606

22, 45.784, 12.816

62, 20.736,
169.030

65, 24.897,

Harmonies

Complementary

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



35, 18.967, 355.694



43, 17.525, 168.650

Rectangle

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



35, 18.967, 355.694



35, 18.967, 45.694



35, 18.967, 175.694



35, 18.967, 225.694

Sweetspot

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



35, 18.965, 355.696



55, 7.069, 352.962



34, 26.245, 315.044



27, 4.724, 353.057



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



35, 18.965, 355.696



42, 28.602, 356.949



36, 16.157, 33.014



22, 2.955, 352.737



24, 48.699, 13.364



52, 84.027, 16.735

Inverse Universe

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



35, 18.965, 355.696



42, 28.602, 356.949



42, 12.683, 212.481



22, 2.955, 352.737



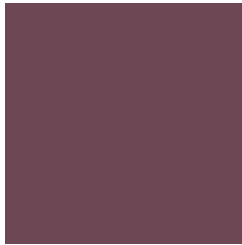
24, 48.699, 13.364



52, 84.027, 16.735

Previews

White Background



This preview shows how the CIELCh color 35, 18.967, 355.694 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, 18.967, 355.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

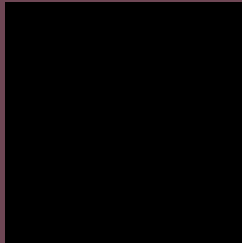
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 18.967, 355.694

Background



This preview shows how black text looks on a background with the CIELCh color 35, 18.967, 355.694.



This preview shows how white text looks on a background with the CIELCh color 35, 18.967, 355.694.

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, 18.967, 355.694

Protanopia

35, 6.247, 287.481

Deuteranopia

35, 4.732, 356.884



Tritanopia
35, 16.994, 9.768

Trichromacy



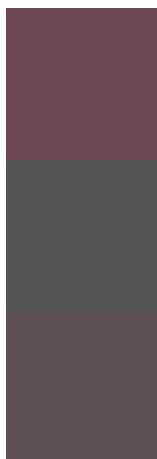
Original Color
35, 18.967, 355.694

Protanomaly
35, 9.102, 331.906

Deuteranomaly
35, 9.735, 354.477

Tritanomaly
35, 17.266, 3.677

Monochromacy



Original Color
35, 18.967, 355.694

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 6.832, 353.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 18.967, 355.694 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(110, 71, 85)` looks like.

```
.text, #text, p{  
    color:rgb(110, 71, 85)  
}
```

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(110, 71, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 71, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 18.967, 355.694 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(110, 71, 85) }
```

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

```
.border{ border-color:rgb(110, 71, 85) }
```

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

Here you see how a box with a 4 pixel rgb(110, 71, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 71, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 71, 85);  
box-shadow:4px 4px 4px 4px rgb(110, 71,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 18.967, 355.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 71, 85) }
```

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

```
.background{ background-color: rgb(110, 71,  
85) }
```

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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