

Converting Colors

CIELCh(35, 18.913, 344.177)

Have a look what the booklet for
CIELCh(35, 18.913, 344.177)
contains.

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Color

CIELCh(35, 18.881, 344.150)

Conversions

Conversions Part 1

Format	Color
Hex	6B485B
RGB	107, 72, 91
RGB Percent	42%, 28%, 36%
CMY	0.5807, 0.7180, 0.6435
CMYK	0.00, 0.33, 0.15, 0.58
HSL	327°, 20%, 35%
HSV	327°, 33%, 42%
XYZ	10.2496, 8.4984, 10.9786
YIQ	84.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

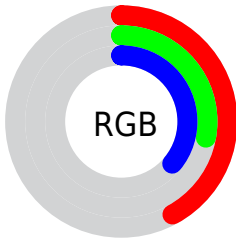
Format	Color
R_{YB}	107, 72, 91
Decimal	7030875
CIE _{Lab}	35.00, 18.16, -5.16
CIE _{LCh}	35, 18.881, 344.150
Yxy	8.4984, 0.3448, 0.2859
Android (android.graphics.Color)	4285220955 (0xFF6B485B)
YUV	84.6310, 3.1399, 19.6176
Hunter-Lab	29.1520, 11.7434, -1.9222

Details

The CIELCh color $[35, 18.881, 344.150]$ is a dark color, and the websafe version is hex $\#663333$. A complement of this color would be $[42, 18.318, 158.611]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 18.835, 344.288]$, and $[15, 19.148, 344.891]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 24.589, 345.204]$, and if you desaturate by 10%, it is $[38, 13.061, 343.211]$.

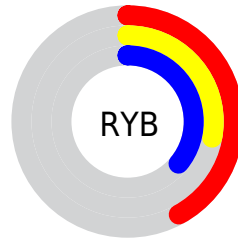
Distribution



Red (42%)

Green (28%)

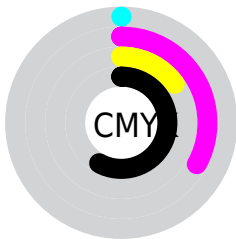
Blue (36%)



Red (42%)

Yellow (28%)

Blue (36%)

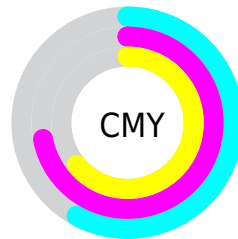


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (58%)



Cyan (58%)


Magenta (72%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 18.881, 344.150 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, 18.881, 344.150 by changing the saturation by 10% instead.


 35, 18.881,
344.150


 35, 18.881,
344.150

 100, 18.881,
344.150


 25, 18.881,
344.150

 55, 18.881,
344.150


 15, 18.881,
344.150


 65, 18.881,
344.150

 5, 18.881, 344.150

 75, 18.881,
344.150

 0, 18.881, 344.150

 85, 18.881,
344.150

 95, 18.881,
344.150

■ 35, 18.881,
344.150

■ 35, 18.881,
344.150

■ 32, 24.589,
345.204

■ 38, 13.061,
343.211

■ 30, 30.017,
346.405

■ 41, 7.256, 342.351

■ 44, 1.542, 341.453

■ 27, 34.938,
347.808

■ 48, 4.035, 160.965

■ 25, 39.090,
349.485

■ 51, 9.449, 160.274

■ 24, 42.217,
351.536

■ 54, 14.690,
159.654

■ 22, 44.185,
354.065

■ 57, 19.760,
159.081

■ 22, 45.463,
355.960

■ 61, 24.662,
158.548

■ 64, 29.405,

Harmonies

Complementary

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



35, 18.881, 344.150



42, 18.318, 158.611

Rectangle

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



35, 18.881, 344.150



35, 18.881, 34.150



35, 18.881, 164.150



35, 18.881, 214.150

Sweetspot

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



35, 18.879, 344.151



54, 7.105, 342.148



33, 22.929, 308.918



28, 4.890, 342.236



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, 18.879, 344.151



43, 28.079, 344.915



34, 16.044, 18.203



21, 3.195, 342.038



24, 48.485, 356.367



53, 82.779, 358.733

Inverse Universe

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



35, 18.879, 344.151



43, 28.079, 344.915



43, 13.250, 193.255



21, 3.195, 342.038



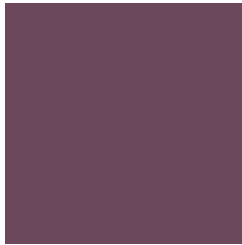
24, 48.485, 356.367



53, 82.779, 358.733

Previews

White Background



This preview shows how the CIELCh color 35, 18.881, 344.150 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, 18.881, 344.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

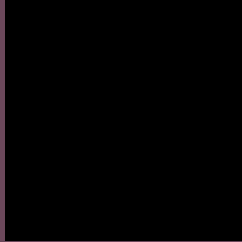
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 18.881, 344.150

Background



This preview shows how black text looks on a background with the CIELCh color 35, 18.881, 344.150.

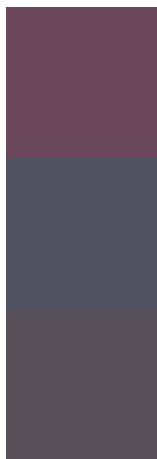


This preview shows how white text looks on a background with the CIELCh color 35, 18.881, 344.150.

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, 18.881, 344.150

Protanopia

35, 9.375, 286.876

Deuteranopia

35, 6.584, 321.827



Tritanopia
35, 14.708, 7.310

Trichromacy



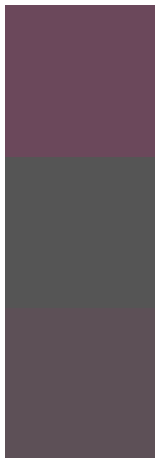
Original Color
35, 18.881, 344.150

Protanomaly
35, 11.768, 316.615

Deuteranomaly
35, 11.147, 334.586

Tritanomaly
35, 15.911, 356.859

Monochromacy



Original Color
35, 18.881, 344.150

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 7.088, 342.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 18.881, 344.150 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(107, 72, 91)` looks like.

```
.text, #text, p{  
    color:rgb(107, 72, 91)  
}
```

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(107, 72, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 72, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 18.881, 344.150 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(107, 72, 91) }
```

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

```
.border{ border-color:rgb(107, 72, 91) }
```

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

Here you see how a box with a 4 pixel rgb(107, 72, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 72, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 72, 91);  
box-shadow:4px 4px 4px 4px rgb(107, 72,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 18.881, 344.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 72, 91) }
```

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

```
.background{ background-color: rgb(107, 72,  
91) }
```

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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