

Converting Colors

CIELCh(35, 21.809, 345.358)

Have a look what the booklet for
CIELCh(35, 21.809, 345.358)
contains.

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Color

CIELCh(35, 21.887, 344.940)

Conversions

Conversions Part 1

Format	Color
Hex	6F465C
RGB	111, 70, 92
RGB Percent	44%, 27%, 36%
CMY	0.5654, 0.7261, 0.6399
CMYK	0.00, 0.37, 0.17, 0.57
HSL	328°, 23%, 35%
HSV	328°, 37%, 43%
XYZ	10.6385, 8.4984, 11.1673
YIQ	84.7670, 17.3740, 15.5340

Conversions

Conversions Part 2

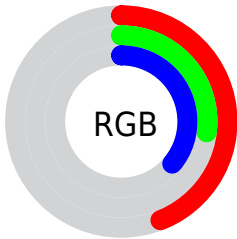
Format	Color
R_{YB}	111, 70, 92
Decimal	7292508
CIE _{Lab}	35.00, 21.14, -5.69
CIE _{LCh}	35, 21.887, 344.940
Yxy	8.4984, 0.3511, 0.2804
Android (android.graphics.Color)	4285482588 (0xFF6F465C)
YUV	84.7670, 3.5659, 23.0063
Hunter-Lab	29.1520, 14.1241, -2.3059

Details

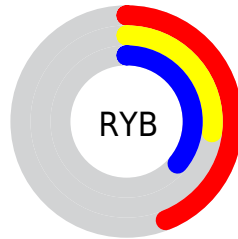
The CIELCh color $[35, 21.887, 344.940]$ is a dark color, and the websafe version is hex `#663333`. A complement of this color would be $[43, 21.139, 158.450]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 21.696, 344.795]$, and $[15, 21.832, 345.274]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 27.647, 346.072]$, and if you desaturate by 10%, it is $[38, 15.943, 343.942]$.

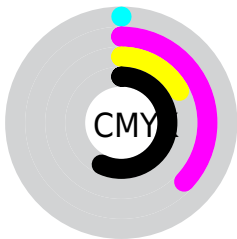
Distribution



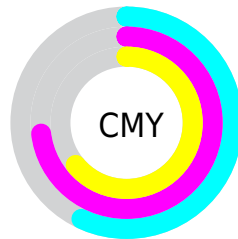
- Red (44%)
- Green (27%)
- Blue (36%)



- Red (44%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (17%)
- Black (57%)





- Cyan (57%)
- Magenta (73%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 21.887, 344.940 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, 21.887, 344.940 by changing the saturation by 10% instead.


 35, 21.887,
344.940


 35, 21.887,
344.940

 100, 21.887,
344.940


 25, 21.887,
344.940

 55, 21.887,
344.940


 15, 21.887,
344.940


 65, 21.887,
344.940

 5, 21.887, 344.940

 75, 21.887,
344.940

 0, 21.887, 344.940

 85, 21.887,
344.940

 95, 21.887,
344.940

■ 35, 21.887,
344.940

■ 35, 21.887,
344.940

■ 32, 27.647,
346.072

■ 38, 15.943,
343.942

■ 30, 33.025,
347.378

■ 41, 9.967, 343.040

■ 44, 4.057, 342.192

■ 27, 37.764,
348.924

■ 48, 1.726, 161.661

■ 25, 41.589,
350.796

■ 51, 7.349, 160.863

■ 24, 44.265,
353.110

■ 55, 12.796,
160.215

■ 23, 45.972,
355.847

■ 58, 18.064,
159.619

■ 23, 46.513,
356.657

■ 61, 23.156,
159.066

■ 65, 28.081,

Harmonies

Complementary

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



35, 21.887, 344.940



43, 21.139, 158.450

Rectangle

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



35, 21.887, 344.940



35, 21.887, 34.940



35, 21.887, 164.940



35, 21.887, 214.940

Sweetspot

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



35, 21.885, 344.941



55, 7.906, 342.556



33, 26.821, 309.166



27, 5.280, 342.636



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, 21.885, 344.941



42, 31.930, 345.851



34, 18.922, 18.795



22, 3.309, 342.365



25, 49.123, 357.000



54, 83.290, 359.344

Inverse Universe

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



35, 21.885, 344.941



42, 31.930, 345.851



44, 15.181, 192.991



22, 3.309, 342.365



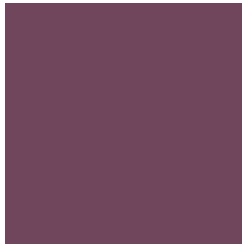
25, 49.123, 357.000



54, 83.290, 359.344

Previews

White Background



This preview shows how the CIELCh color 35, 21.887, 344.940 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, 21.887, 344.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

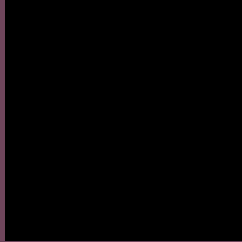
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 21.887, 344.940

Background



This preview shows how black text looks on a background with the CIELCh color 35, 21.887, 344.940.



This preview shows how white text looks on a background with the CIELCh color 35, 21.887, 344.940.

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, 21.887, 344.940

Protanopia

35, 11.261, 286.076

Deuteranopia

35, 6.934, 316.148



Tritanopia
35, 16.994, 9.768

Trichromacy



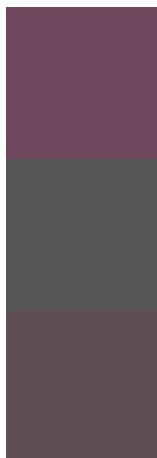
Original Color
35, 21.887, 344.940

Protanomaly
35, 13.056, 315.997

Deuteranomaly
35, 12.616, 333.613

Tritanomaly
35, 18.581, 359.241

Monochromacy



Original Color
35, 21.887, 344.940

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 8.150, 343.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 21.887, 344.940 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(111, 70, 92)` looks like.

```
.text, #text, p{  
    color:rgb(111, 70, 92)  
}
```

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(111, 70, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 70, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 21.887, 344.940 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(111, 70, 92) }
```

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

```
.border{ border-color:rgb(111, 70, 92) }
```

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

Here you see how a box with a 4 pixel rgb(111, 70, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 70, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 70, 92);  
box-shadow:4px 4px 4px 4px rgb(111, 70,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 21.887, 344.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 70, 92) }
```

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

```
.background{ background-color: rgb(111, 70,  
92) }
```

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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