

Converting Colors

CIELCh(35, 22.262, 338.183)

Have a look what the booklet for
CIELCh(35, 22.262, 338.183)
contains.

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Color

CIELCh(35, 22.715, 338.255)

Conversions

Conversions Part 1

Format	Color
Hex	6D4660
RGB	109, 70, 96
RGB Percent	43%, 27%, 38%
CMY	0.5721, 0.7251, 0.6231
CMYK	0.00, 0.36, 0.12, 0.57
HSL	320°, 22%, 35%
HSV	320°, 36%, 43%
XYZ	10.6336, 8.4984, 12.1724
YIQ	84.6250, 14.8980, 16.3540

Conversions

Conversions Part 2

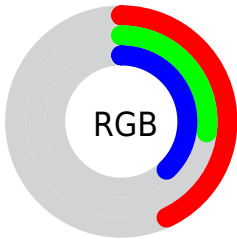
Format	Color
R_{YB}	109, 70, 96
Decimal	7161440
CIE Lab	35.00, 21.10, -8.42
CIE LCh	35, 22.715, 338.255
Yxy	8.4984, 0.3397, 0.2715
Android (android.graphics.Color)	4285351520 (0xFF6D4660)
YUV	84.6250, 5.6079, 21.3769
Hunter-Lab	29.1520, 14.0944, -4.3501

Details

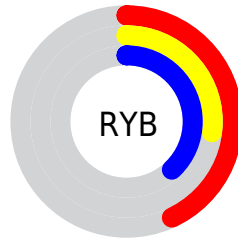
The CIELCh color $[35, 22.715, 338.255]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[43, 22.385, 152.790]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 22.821, 337.559]$, and $[15, 22.810, 337.566]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 28.839, 339.119]$, and if you desaturate by 10%, it is $[38, 16.373, 337.459]$.

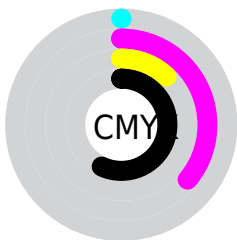
Distribution



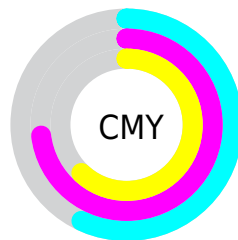
- Red (43%)
- Green (27%)
- Blue (38%)



- Red (43%)
- Yellow (27%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (57%)





- Cyan (57%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 22.715, 338.255 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, 22.715, 338.255 by changing the saturation by 10% instead.


 35, 22.715,
338.255


 35, 22.715,
338.255


 100, 22.715,
338.255


 25, 22.715,
338.255

 55, 22.715,
338.255


 15, 22.715,
338.255


 65, 22.715,
338.255

 5, 22.715, 338.255

 75, 22.715,
338.255

 0, 22.715, 338.255

 85, 22.715,
338.255

 95, 22.715,
338.255

■ 35, 22.715,
338.255

■ 35, 22.715,
338.255

■ 32, 28.839,
339.119

■ 38, 16.373,
337.459

■ 30, 34.543,
340.068

■ 41, 9.971, 336.714

■ 44, 3.612, 335.985

■ 27, 39.567,
341.135

■ 47, 2.636, 155.485

■ 26, 43.627,
342.363

■ 51, 8.734, 154.817

■ 24, 46.473,
343.813

■ 54, 14.662,
154.234

■ 23, 48.156,
345.507

■ 57, 20.413,
153.690

■ 23, 48.854,
346.222

■ 61, 25.987,
153.180

■ 64, 31.391,

152.700

Harmonies

Complementary

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



35, 22.715, 338.255



43, 22.385, 152.790

Rectangle

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



35, 22.715, 338.255



35, 22.715, 28.255



35, 22.715, 158.255



35, 22.715, 208.255

Sweetspot

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



35, 22.713, 338.256



55, 8.658, 336.393



33, 25.225, 305.251



27, 5.781, 336.462



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, 22.713, 338.256



43, 33.862, 338.979



34, 17.990, 9.688



21, 3.487, 336.223



25, 51.356, 346.416



54, 87.397, 347.881

Inverse Universe

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



35, 22.713, 338.256



43, 33.862, 338.979



43, 15.373, 182.792



21, 3.487, 336.223



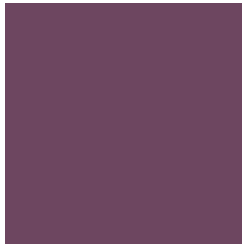
25, 51.356, 346.416



54, 87.397, 347.881

Previews

White Background



This preview shows how the CIELCh color 35, 22.715, 338.255 looks on a white background.

Color Contrast Check

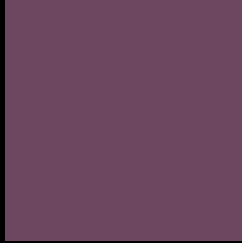
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.715, 338.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

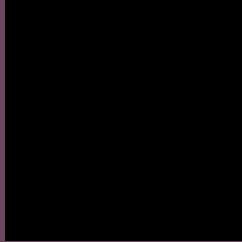
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 22.715, 338.255

Background



This preview shows how black text looks on a background with the CIELCh color 35, 22.715, 338.255.



This preview shows how white text looks on a background with the CIELCh color 35, 22.715, 338.255.

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, 22.715, 338.255

Protanopia

35, 13.799, 284.537

Deuteranopia

35, 8.307, 302.856



Tritanopia
35, 15.624, 8.366

Trichromacy



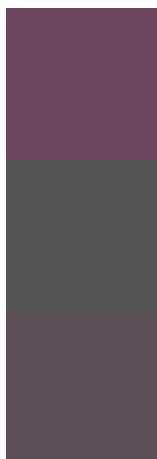
Original Color
35, 22.715, 338.255

Protanomaly
35, 15.097, 309.333

Deuteranomaly
35, 13.297, 323.837

Tritanomaly
35, 17.552, 355.263

Monochromacy



Original Color
35, 22.715, 338.255

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 8.196, 337.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 22.715, 338.255 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(109, 70, 96)` looks like.

```
.text, #text, p{  
    color:rgb(109, 70, 96)  
}
```

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(109, 70, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 70, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 22.715, 338.255 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(109, 70, 96) }
```

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

```
.border{ border-color:rgb(109, 70, 96) }
```

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

Here you see how a box with a 4 pixel rgb(109, 70, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 70, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 70, 96);  
box-shadow:4px 4px 4px 4px rgb(109, 70,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 22.715, 338.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 70, 96) }
```

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

```
.background{ background-color: rgb(109, 70,  
96) }
```

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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