

Converting Colors

CIELCh(35, 16.013, 321.316)

Have a look what the booklet for
CIELCh(35, 16.013, 321.316)
contains.

CIELCh(35, 15.823, 321.651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(35, 15.823, 321.651)

Conversions

Conversions Part 1

Format	Color
Hex	5F4C62
RGB	95, 76, 98
RGB Percent	37%, 30%, 38%
CMY	0.6272, 0.7017, 0.6154
CMYK	0.03, 0.22, 0.00, 0.62
HSL	292°, 13%, 34%
HSV	292°, 22%, 38%
XYZ	9.5240, 8.4984, 12.7116
YIQ	84.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

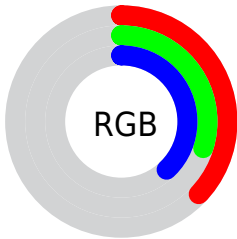
Format	Color
RYB	95, 76, 98
Decimal	6245474
CIELab	35.00, 12.41, -9.82
CIELCh	35, 15.823, 321.651
Yxy	8.4984, 0.3099, 0.2765
Android (android.graphics.Color)	4284435554 (0xFF5F4C62)
YUV	84.1890, 6.8088, 9.4812
Hunter-Lab	29.1520, 7.3004, -5.4467

Details

The CIELCh color $[35, 15.823, 321.651]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[39, 15.718, 139.560]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 16.021, 321.736]$, and $[15, 15.964, 321.763]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 22.917, 322.083]$, and if you desaturate by 10%, it is $[38, 8.721, 321.205]$.

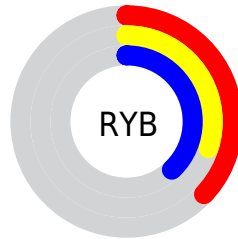
Distribution



 Red (37%)

 Green (30%)

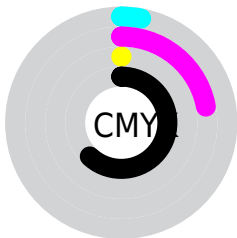
 Blue (38%)



 Red (37%)

 Yellow (30%)

 Blue (38%)

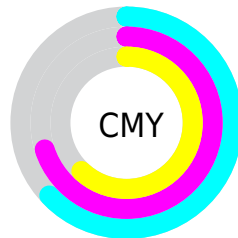


 Cyan (3%)

 Magenta (22%)

 Yellow (0%)

 Black (62%)



 Cyan (63%)


 Magenta (70%)


 Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 15.823, 321.651 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, 15.823, 321.651 by changing the saturation by 10% instead.


 35, 15.823,
321.651


 35, 15.823,
321.651

 100, 15.823,
321.651


 25, 15.823,
321.651

 55, 15.823,
321.651


 15, 15.823,
321.651


 65, 15.823,
321.651

 5, 15.823, 321.651

 75, 15.823,
321.651

 0, 15.823, 321.651

 85, 15.823,
321.651

 95, 15.823,
321.651

■ 35, 15.823,
321.651

■ 35, 15.823,
321.651

■ 32, 22.917,
322.083

■ 38, 8.721, 321.205

■ 41, 1.697, 320.706

■ 30, 29.886,
322.490

■ 44, 5.199, 140.386

■ 27, 36.563,
322.852

■ 47, 11.936,
139.964

■ 25, 42.731,
323.146

■ 50, 18.497,
139.573

■ 23, 48.132,
323.344

■ 53, 24.875,
139.208

■ 21, 52.499,
323.417


■ 56, 31.071,
138.868

■ 20, 55.674,
323.349

■ 59, 37.088,
138.552

■ 19, 57.925,

323.294

 62, 42.932,
138.260

Harmonies

Complementary

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



35, 15.823, 321.651



39, 15.718, 139.560

Rectangle

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



35, 15.823, 321.651



35, 15.823, 11.651



35, 15.823, 141.651



35, 15.823, 191.651

Sweetspot

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



35, 15.822, 321.651



51, 6.070, 320.965



34, 11.767, 285.896



25, 3.911, 320.979



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



35, 15.822, 321.651



44, 23.664, 321.885



35, 12.903, 337.928



18, 3.885, 321.043



23, 63.709, 323.218



51, 111.476, 322.915

Inverse Universe

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



35, 9.964, 10.246



43, 15.092, 10.877



39, 12.754, 154.742



18, 2.375, 8.862



22, 51.507, 31.154



50, 93.342, 34.642

Previews

White Background



This preview shows how the CIELCh color 35, 15.823, 321.651 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, 15.823, 321.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

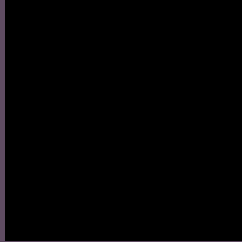
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 15.823, 321.651

Background



This preview shows how black text looks on a background with the CIELCh color 35, 15.823, 321.651.

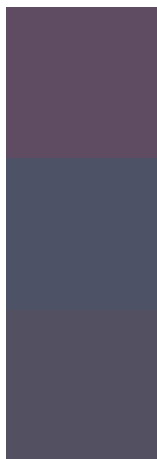


This preview shows how white text looks on a background with the CIELCh color 35, 15.823, 321.651.

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, 15.823, 321.651

Protanopia

35, 12.529, 285.185

Deuteranopia

35, 10.041, 296.406



Tritanopia
35, 7.119, 348.926

Trichromacy



Original Color
35, 15.823, 321.651

Protanomaly
35, 13.250, 299.149

Deuteranomaly
35, 11.762, 307.957

Tritanomaly
35, 10.115, 333.362

Monochromacy



Original Color
35, 15.823, 321.651

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 5.824, 321.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 15.823, 321.651 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(95, 76, 98)` looks like.

```
.text, #text, p{  
    color:rgb(95, 76, 98)  
}
```

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(95, 76, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 76, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 15.823, 321.651 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(95, 76, 98) }
```

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

```
.border{ border-color:rgb(95, 76, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 76, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 76, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 76, 98);  
box-shadow:4px 4px 4px 4px rgb(95, 76, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 15.823, 321.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 76, 98) }
```

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

```
.background{ background-color: rgb(95, 76,  
98) }
```

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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