

Converting Colors

CIELCh(35, 13.973, 334.607)

Have a look what the booklet for
CIELCh(35, 13.973, 334.607)
contains.

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Color

CIELCh(35, 13.616, 334.625)

Conversions

Conversions Part 1

Format	Color
Hex	624C5C
RGB	98, 76, 92
RGB Percent	38%, 30%, 36%
CMY	0.6165, 0.7027, 0.6400
CMYK	0.00, 0.22, 0.06, 0.62
HSL	316°, 13%, 34%
HSV	316°, 22%, 38%
XYZ	9.5109, 8.4984, 11.2204
YIQ	84.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

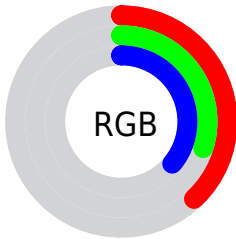
Format	Color
RYB	98, 76, 92
Decimal	6442076
CIELab	35.00, 12.30, -5.84
CIELCh	35, 13.616, 334.625
Yxy	8.4984, 0.3254, 0.2907
Android (android.graphics.Color)	4284632156 (0xFF624C5C)
YUV	84.4020, 3.7458, 11.9254
Hunter-Lab	29.1520, 7.2201, -2.4138

Details

The CIELCh color **35, 13.616, 334.625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 13.519, 151.656**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 13.567, 335.012**, and **15, 13.198, 334.998** is the 20% darker color. If you saturate the color by 10%, you get **32, 19.676, 335.324**, and if you desaturate by 10%, it is **38, 7.523, 333.956**.

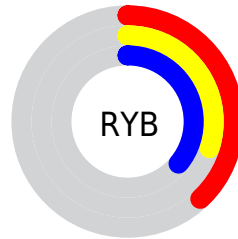
Distribution



 Red (38%)

 Green (30%)

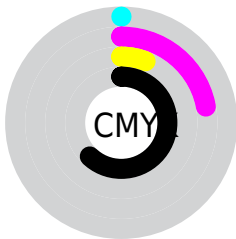
 Blue (36%)



 Red (38%)

 Yellow (30%)

 Blue (36%)

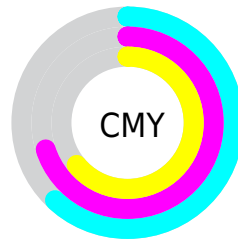


 Cyan (0%)

 Magenta (22%)

 Yellow (6%)

 Black (62%)



 Cyan (62%)


 Magenta (70%)


 Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 13.616, 334.625 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, 13.616, 334.625 by changing the saturation by 10% instead.


 35, 13.616,
334.625


 35, 13.616,
334.625

 100, 13.616,
334.625


 25, 13.616,
334.625

 55, 13.616,
334.625


 15, 13.616,
334.625


 65, 13.616,
334.625

 5, 13.616, 334.625

 75, 13.616,
334.625

 0, 13.616, 334.625

 85, 13.616,
334.625

 95, 13.616,
334.625

■ 35, 13.616,
334.625

■ 35, 13.616,
334.625

■ 32, 19.676,
335.324

■ 38, 7.523, 333.956

■ 30, 25.583,
336.061

■ 41, 1.487, 333.226

■ 44, 4.438, 152.809

■ 27, 31.164,
336.846

■ 47, 10.222,
152.221

■ 25, 36.200,
337.695

■ 50, 15.848,
151.680

■ 23, 40.442,
338.630

■ 53, 21.311,
151.172

■ 22, 43.646,
339.685


■ 56, 26.611,
150.692

■ 21, 45.692,
340.895

■ 59, 31.754,
150.239

■ 20, 47.076,

341.805

 62, 36.747,
149.811

Harmonies

Complementary

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



35, 13.616, 334.625



39, 13.519, 151.656

Rectangle

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



35, 13.616, 334.625



35, 13.616, 24.625



35, 13.616, 154.625



35, 13.616, 204.625

Sweetspot

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



35, 13.615, 334.626



51, 5.228, 333.604



34, 14.089, 301.974



25, 3.368, 333.623



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, 13.615, 334.626



44, 20.351, 334.994



35, 10.205, 2.895



18, 3.346, 333.716



24, 51.715, 342.092



54, 89.407, 343.235

Inverse Universe

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



35, 13.615, 334.626



44, 20.351, 334.994



40, 9.454, 178.809



18, 3.346, 333.716



24, 51.715, 342.092



54, 89.407, 343.235

Previews

White Background



This preview shows how the CIELCh color 35, 13.616, 334.625 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, 13.616, 334.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

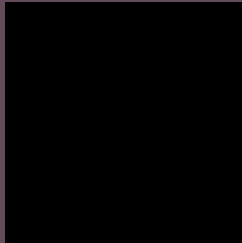
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 13.616, 334.625

Background



This preview shows how black text looks on a background with the CIELCh color 35, 13.616, 334.625.

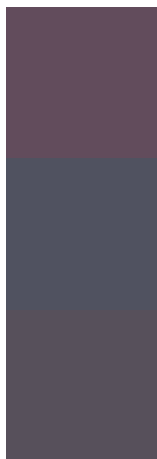


This preview shows how white text looks on a background with the CIELCh color 35, 13.616, 334.625.

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, 13.616, 334.625

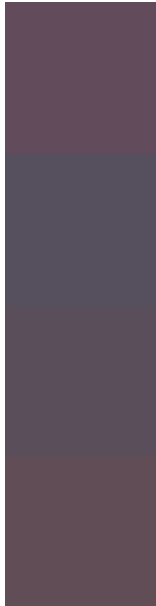
Protanopia
35, 8.755, 286.405

Deuteranopia
35, 7.501, 314.139



Tritanopia
35, 9.506, 357.888

Trichromacy



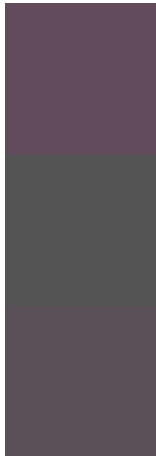
Original Color
35, 13.616, 334.625

Protanomaly
35, 9.126, 307.217

Deuteranomaly
35, 9.820, 325.149

Tritanomaly
35, 10.294, 348.185

Monochromacy



Original Color
35, 13.616, 334.625

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 5.081, 332.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 13.616, 334.625 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(98, 76, 92)` looks like.

```
.text, #text, p{  
    color:rgb(98, 76, 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(98, 76, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 76, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 13.616, 334.625 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(98, 76, 92) }
```

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

```
.border{ border-color:rgb(98, 76, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 76, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 76, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 76, 92);  
box-shadow:4px 4px 4px 4px rgb(98, 76, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 13.616, 334.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 76, 92) }
```

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

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