

Converting Colors

CIELCh(35, 19.289, 329.878)

Have a look what the booklet for
CIELCh(35, 19.289, 329.878)
contains.

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Color

CIELCh(35, 19.584, 330.050)

Conversions

Conversions Part 1

Format	Color
Hex	664962
RGB	102, 73, 98
RGB Percent	40%, 29%, 38%
CMY	0.5995, 0.7132, 0.6152
CMYK	0.00, 0.28, 0.04, 0.60
HSL	308°, 17%, 34%
HSV	308°, 28%, 40%
XYZ	10.0961, 8.4984, 12.6959
YIQ	84.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

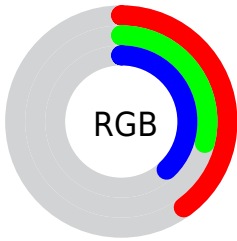
Format	Color
R_{YB}	102, 73, 98
Decimal	6703458
CIE Lab	35.00, 16.97, -9.78
CIE LCh	35, 19.584, 330.050
Yxy	8.4984, 0.3227, 0.2716
Android (android.graphics.Color)	4284893538 (0xFF664962)
YUV	84.5210, 6.6451, 15.3291
Hunter-Lab	29.1520, 10.8032, -5.4148

Details

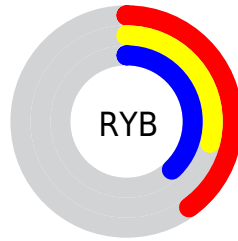
The CIELCh color **35, 19.584, 330.050** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **40, 19.539, 146.553**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 19.579, 329.334**, and **15, 19.386, 328.912** is the 20% darker color. If you saturate the color by 10%, you get **32, 26.356, 330.634**, and if you desaturate by 10%, it is **38, 12.675, 329.470**.

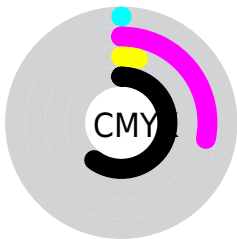
Distribution



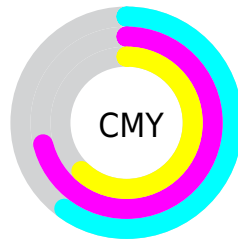
- Red (40%)
- Green (29%)
- Blue (38%)



- Red (40%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (4%)
- Black (60%)





- Cyan (60%)
- Magenta (71%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.584, 330.050 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, 19.584, 330.050 by changing the saturation by 10% instead.


 35, 19.584,
330.050


 35, 19.584,
330.050

 100, 19.584,
330.050


 25, 19.584,
330.050

 55, 19.584,
330.050


 15, 19.584,
330.050


 65, 19.584,
330.050

 5, 19.584, 330.050

 75, 19.584,
330.050

 0, 19.584, 330.050

 85, 19.584,
330.050

 95, 19.584,
330.050

■ 35, 19.584,
330.050

■ 35, 19.584,
330.050

■ 32, 26.356,
330.634

■ 38, 12.675,
329.470

■ 30, 32.822,
331.217

■ 41, 5.759, 328.888

■ 28, 38.763,
331.798

■ 44, 1.082, 148.535

■ 47, 7.791, 147.861

■ 26, 43.923,
332.375

■ 50, 14.336,
147.340

■ 24, 48.042,
332.951

■ 53, 20.702,
146.848

■ 23, 50.914,
333.536


■ 56, 26.883,
146.381

■ 22, 52.952,
334.125

■ 59, 32.880,
145.939

■ 22, 53.290,

334.217

 62, 38.699,
145.521

Harmonies

Complementary

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



35, 19.584, 330.050



40, 19.539, 146.553

Rectangle

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



35, 19.584, 330.050



35, 19.584, 20.050



35, 19.584, 150.050



35, 19.584, 200.050

Sweetspot

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



35, 19.583, 330.050



52, 7.650, 328.939



33, 18.458, 297.872



26, 5.276, 329.002



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



35, 19.583, 330.050



43, 28.985, 330.434



34, 14.249, 354.262



20, 3.846, 328.919



25, 57.793, 334.309



56, 99.603, 334.738

Inverse Universe

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



35, 19.583, 330.050



43, 28.985, 330.434



41, 13.414, 168.935



20, 3.846, 328.919



25, 57.793, 334.309



56, 99.603, 334.738

Previews

White Background



This preview shows how the CIELCh color 35, 19.584, 330.050 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, 19.584, 330.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

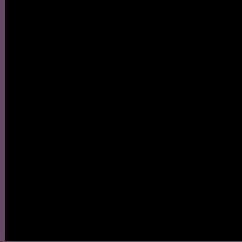
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 19.584, 330.050

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.584, 330.050.



This preview shows how white text looks on a background with the CIELCh color 35, 19.584, 330.050.

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, 19.584, 330.050

Protanopia

35, 13.799, 284.537

Deuteranopia

35, 10.085, 298.683



Tritanopia
35, 11.193, 1.857

Trichromacy



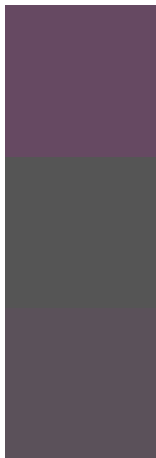
Original Color
35, 19.584, 330.050

Protanomaly
35, 14.693, 303.311

Deuteranomaly
35, 13.056, 315.997

Tritanomaly
35, 13.759, 345.809

Monochromacy



Original Color
35, 19.584, 330.050

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 7.043, 327.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.584, 330.050 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(102, 73, 98)` looks like.

```
.text, #text, p{  
    color:rgb(102, 73, 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(102, 73, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 73, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.584, 330.050 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(102, 73, 98) }
```

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

```
.border{ border-color:rgb(102, 73, 98) }
```

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

Here you see how a box with a 4 pixel rgb(102, 73, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 73, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 73, 98);  
box-shadow:4px 4px 4px 4px rgb(102, 73,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.584, 330.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 73, 98) }
```

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

```
.background{ background-color: rgb(102, 73,  
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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