

Converting Colors

CIELCh(35, 19.275, 340.709)

Have a look what the booklet for
CIELCh(35, 19.275, 340.709)
contains.

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Color

CIELCh(35, 19.279, 340.247)

Conversions

Conversions Part 1

Format	Color
Hex	6A485D
RGB	106, 72, 93
RGB Percent	42%, 28%, 36%
CMY	0.5841, 0.7175, 0.6351
CMYK	0.00, 0.32, 0.12, 0.58
HSL	323°, 19%, 35%
HSV	323°, 32%, 42%
XYZ	10.2472, 8.4984, 11.4665
YIQ	84.5600, 13.5230, 13.7390

Conversions

Conversions Part 2

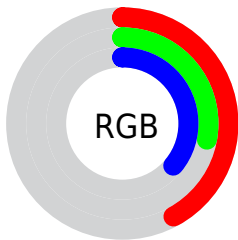
Format	Color
R_{YB}	106, 72, 93
Decimal	6965341
CIE Lab	35.00, 18.14, -6.52
CIE LCh	35, 19.279, 340.247
Yxy	8.4984, 0.3392, 0.2813
Android (android.graphics.Color)	4285155421 (0xFF6A485D)
YUV	84.5600, 4.1609, 18.8029
Hunter-Lab	29.1520, 11.7287, -2.9144

Details

The CIELCh color $35, 19.279, 340.247$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $42, 18.914, 155.228$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 19.196, 340.714$, and $15, 19.591, 340.426$ is the 20% darker color. If you saturate the color by 10%, you get $32, 25.191, 341.160$, and if you desaturate by 10%, it is $38, 13.235, 339.414$.

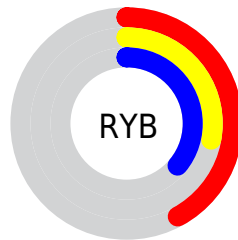
Distribution



Red (42%)

Green (28%)

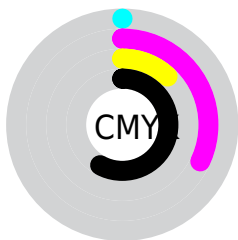
Blue (36%)



Red (42%)

Yellow (28%)

Blue (36%)

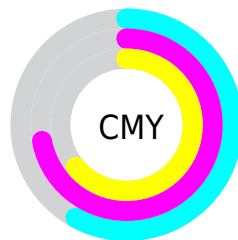


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (58%)



Cyan (58%)


Magenta (72%)


Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.279, 340.247 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, 19.279, 340.247 by changing the saturation by 10% instead.


 35, 19.279,
340.247


 35, 19.279,
340.247

 100, 19.279,
340.247


 25, 19.279,
340.247

 55, 19.279,
340.247


 15, 19.279,
340.247


 65, 19.279,
340.247

 5, 19.279, 340.247

 75, 19.279,
340.247

 0, 19.279, 340.247

 85, 19.279,
340.247

 95, 19.279,
340.247

■ 35, 19.279,
340.247

■ 35, 19.279,
340.247

■ 32, 25.191,
341.160

■ 38, 13.235,
339.414

■ 30, 30.800,
342.175

■ 41, 7.188, 338.637

■ 44, 1.221, 337.774

■ 27, 35.876,
343.328

■ 47, 4.618, 157.353

■ 25, 40.151,
344.670

■ 51, 10.300,
156.709

■ 24, 43.364,
346.270

■ 54, 15.813,
156.124

■ 23, 45.344,
348.213

■ 57, 21.154,
155.579

■ 22, 46.655,
349.818

■ 60, 26.328,
155.068

■ 64, 31.342,
154.588

Harmonies

Complementary

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



35, 19.279, 340.247



42, 18.914, 155.228

Rectangle

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



35, 19.279, 340.247



35, 19.279, 30.247



35, 19.279, 160.247



35, 19.279, 210.247

Sweetspot

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



35, 19.277, 340.248



53, 7.373, 338.502



33, 22.056, 306.095



27, 4.997, 338.579



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



35, 19.277, 340.248



43, 28.255, 340.875



34, 15.576, 11.698



21, 3.367, 338.402



25, 50.014, 350.156



54, 85.152, 351.966

Inverse Universe

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



35, 19.277, 340.248



43, 28.255, 340.875



42, 13.372, 185.936



21, 3.367, 338.402



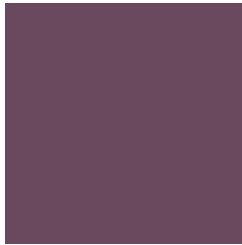
25, 50.014, 350.156



54, 85.152, 351.966

Previews

White Background



This preview shows how the CIE LCh color 35, 19.279, 340.247 looks on a white background.

Color Contrast Check

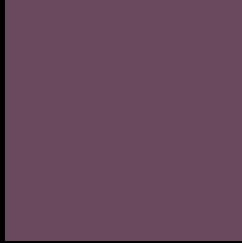
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.279, 340.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

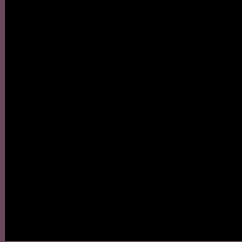
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 19.279, 340.247

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.279, 340.247.



This preview shows how white text looks on a background with the CIELCh color 35, 19.279, 340.247.

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, 19.279, 340.247

Protanopia

35, 11.261, 286.076

Deuteranopia

35, 7.935, 309.606



Tritanopia
35, 13.831, 6.182

Trichromacy



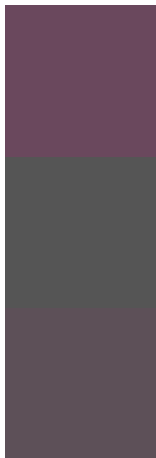
Original Color
35, 19.279, 340.247

Protanomaly
35, 12.753, 312.566

Deuteranomaly
35, 11.552, 327.052

Tritanomaly
35, 15.741, 353.971

Monochromacy



Original Color
35, 19.279, 340.247

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 7.474, 338.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.279, 340.247 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(106, 72, 93)` looks like.

```
.text, #text, p{  
    color:rgb(106, 72, 93)  
}
```

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(106, 72, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 72, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.279, 340.247 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(106, 72, 93) }
```

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

```
.border{ border-color:rgb(106, 72, 93) }
```

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

Here you see how a box with a 4 pixel rgb(106, 72, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 72, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 72, 93);  
box-shadow:4px 4px 4px 4px rgb(106, 72,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.279, 340.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 72, 93) }
```

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

```
.background{ background-color: rgb(106, 72,  
93) }
```

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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