

Converting Colors

CIELCh(35, 19.628, 336.344)

Have a look what the booklet for
CIELCh(35, 19.628, 336.344)
contains.

CIELCh(35, 19.773, 336.551)	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, 19.773, 336.551)

Conversions

Conversions Part 1

Format	Color
Hex	69485F
RGB	105, 72, 95
RGB Percent	41%, 28%, 37%
CMY	0.5876, 0.7170, 0.6268
CMYK	0.00, 0.31, 0.10, 0.59
HSL	318°, 19%, 35%
HSV	318°, 31%, 41%
XYZ	10.2467, 8.4984, 11.9662
YIQ	84.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

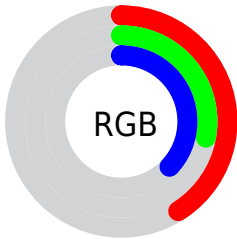
Format	Color
R_{YB}	105, 72, 95
Decimal	6899807
CIE _{Lab}	35.00, 18.14, -7.87
CIE _{LCh}	35, 19.773, 336.551
Y _{xy}	8.4984, 0.3336, 0.2767
Android (android.graphics.Color)	4285089887 (0xFF69485F)
YUV	84.4890, 5.1819, 17.9881
Hunter-Lab	29.1520, 11.7251, -3.9308

Details

The CIELCh color $35, 19.773, 336.551$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $41, 19.558, 152.026$, and the grayscale version is $36, 0.005, 296.813$.

A 20% lighter version of the original color is $55, 19.637, 337.304$, and $15, 20.166, 336.249$ is the 20% darker color. If you saturate the color by 10%, you get $32, 25.943, 337.334$, and if you desaturate by 10%, it is $38, 13.456, 335.818$.

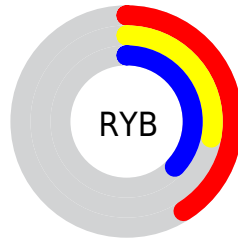
Distribution



Red (41%)

Green (28%)

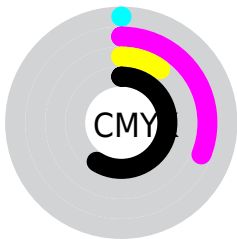
Blue (37%)



Red (41%)

Yellow (28%)

Blue (37%)

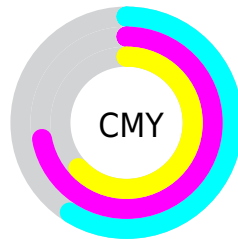


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (59%)



Cyan (59%)


Magenta (72%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 19.773, 336.551 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, 19.773, 336.551 by changing the saturation by 10% instead.


 35, 19.773,
336.551


 35, 19.773,
336.551

 100, 19.773,
336.551


 25, 19.773,
336.551

 55, 19.773,
336.551


 15, 19.773,
336.551


 65, 19.773,
336.551

 5, 19.773, 336.551

 75, 19.773,
336.551

 0, 19.773, 336.551

 85, 19.773,
336.551

 95, 19.773,
336.551

■ 35, 19.773,
336.551

■ 35, 19.773,
336.551

■ 32, 25.943,
337.334

■ 38, 13.456,
335.818

■ 30, 31.792,
338.178

■ 41, 7.124, 335.118

■ 27, 37.088,
339.104

■ 44, 0.863, 334.255

■ 47, 5.274, 153.931

■ 25, 41.564,
340.141

■ 50, 11.256,
153.333

■ 24, 44.955,
341.332

■ 54, 17.069,
152.781

■ 23, 47.071,
342.733

■ 57, 22.709,
152.264

■ 22, 48.512,
343.991

■ 60, 28.178,
151.776

■ 63, 33.483,
151.316

Harmonies

Complementary

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



35, 19.773, 336.551



41, 19.558, 152.026

Rectangle

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



35, 19.773, 336.551



35, 19.773, 26.551



35, 19.773, 156.551



35, 19.773, 206.551

Sweetspot

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



35, 19.771, 336.552



54, 7.016, 334.971



33, 21.269, 303.804



27, 4.842, 335.047



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, 19.771, 336.552



43, 29.772, 337.149



34, 15.267, 6.524



21, 3.563, 334.951



25, 52.302, 344.248



54, 89.023, 345.513

Inverse Universe

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



35, 19.771, 336.552



43, 29.772, 337.149



42, 13.504, 180.514



21, 3.563, 334.951



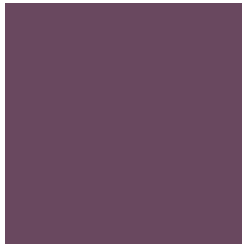
25, 52.302, 344.248



54, 89.023, 345.513

Previews

White Background



This preview shows how the CIELCh color 35, 19.773, 336.551 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, 19.773, 336.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

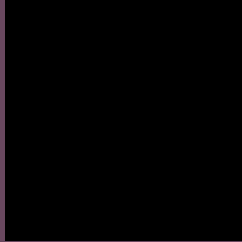
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 19.773, 336.551

Background



This preview shows how black text looks on a background with the CIELCh color 35, 19.773, 336.551.



This preview shows how white text looks on a background with the CIELCh color 35, 19.773, 336.551.

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, 19.773, 336.551

Protanopia
35, 12.529, 285.185

Deuteranopia
35, 9.022, 304.693



Tritanopia
35, 12.932, 4.895

Trichromacy



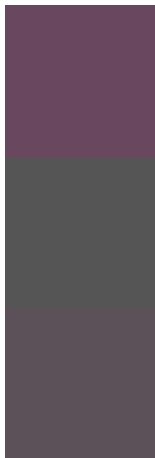
Original Color
35, 19.773, 336.551

Protanomaly
35, 14.393, 308.484

Deuteranomaly
35, 12.355, 322.004

Tritanomaly
35, 14.947, 352.153

Monochromacy



Original Color
35, 19.773, 336.551

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 7.598, 333.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 19.773, 336.551 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(105, 72, 95)` looks like.

```
.text, #text, p{  
    color:rgb(105, 72, 95)  
}
```

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(105, 72, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 72, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 19.773, 336.551 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(105, 72, 95) }
```

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

```
.border{ border-color:rgb(105, 72, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 72, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 72, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 72, 95);  
box-shadow:4px 4px 4px 4px rgb(105, 72,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 19.773, 336.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 72, 95) }
```

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

```
.background{ background-color: rgb(105, 72,  
95) }
```

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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