

Converting Colors

CIELCh(35, 20.951, 321.118)

Have a look what the booklet for
CIELCh(35, 20.951, 321.118)
contains.

CIELCh(35, 20.701, 321.861)	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, 20.701, 321.861)

Conversions

Conversions Part 1

Format	Color
Hex	634A67
RGB	99, 74, 103
RGB Percent	39%, 29%, 40%
CMY	0.6124, 0.7104, 0.5967
CMYK	0.04, 0.28, 0.00, 0.60
HSL	292°, 16%, 35%
HSV	292°, 28%, 40%
XYZ	10.0085, 8.4984, 13.9046
YIQ	84.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

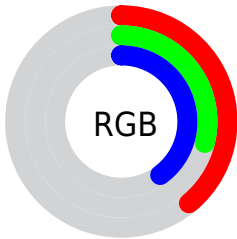
Format	Color
RYB	99, 74, 103
Decimal	6507111
CIELab	35.00, 16.28, -12.78
CIElCh	35, 20.701, 321.861
Yxy	8.4984, 0.3088, 0.2622
Android (android.graphics.Color)	4284697191 (0xFF634A67)
YUV	84.7810, 8.9820, 12.4701
Hunter-Lab	29.1520, 10.2666, -7.8730

Details

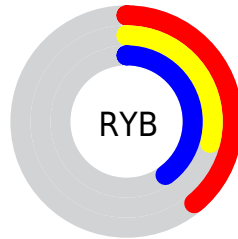
The CIELCh color $[35, 20.701, 321.861]$ is a dark color, and the websafe version is hex `663366`. A complement of this color would be $[41, 20.536, 139.160]$, and the grayscale version is $[36, 0.005, 296.813]$.

A 20% lighter version of the original color is $[55, 20.589, 321.808]$, and $[15, 20.441, 321.958]$ is the 20% darker color. If you saturate the color by 10%, you get $[32, 28.017, 322.282]$, and if you desaturate by 10%, it is $[38, 13.309, 321.420]$.

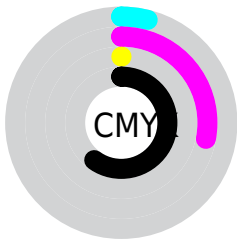
Distribution



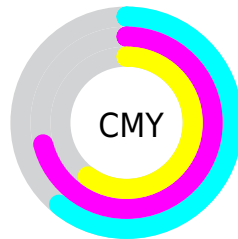
- Red (39%)
- Green (29%)
- Blue (40%)



- Red (39%)
- Yellow (29%)
- Blue (40%)



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





- Cyan (61%)
- Magenta (71%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 20.701, 321.861 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, 20.701, 321.861 by changing the saturation by 10% instead.


 35, 20.701,
321.861


 35, 20.701,
321.861

 100, 20.701,
321.861


 25, 20.701,
321.861

 55, 20.701,
321.861


 15, 20.701,
321.861


 65, 20.701,
321.861

 5, 20.701, 321.861

 75, 20.701,
321.861

 0, 20.701, 321.861

 85, 20.701,
321.861

 95, 20.701,
321.861

■ 35, 20.701,
321.861

■ 35, 20.701,
321.861

■ 32, 28.017,
322.282

■ 38, 13.309,
321.420

■ 30, 35.106,
322.666

■ 41, 5.952, 320.967

■ 44, 1.298, 140.663

■ 27, 41.760,
322.991

■ 47, 8.398, 140.153

■ 25, 47.722,
323.230

■ 50, 15.323,
139.746

■ 23, 52.710,
323.354

■ 54, 22.059,
139.365

■ 22, 56.466,
323.334


■ 57, 28.604,
139.009

■ 21, 59.360,
323.224

■ 60, 34.960,
138.679

■ 20, 59.905,

323.210

 63, 41.131,
138.373

Harmonies

Complementary

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



35, 20.701, 321.861



41, 20.536, 139.160

Rectangle

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



35, 20.701, 321.861



35, 20.701, 11.861



35, 20.701, 141.861



35, 20.701, 191.861

Sweetspot

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



35, 20.700, 321.861



52, 7.166, 320.968



34, 15.521, 286.749



26, 5.056, 321.022



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, 20.700, 321.861



43, 30.762, 322.148



35, 16.886, 338.386



20, 4.055, 321.001



23, 64.750, 323.149



52, 112.394, 322.852

Inverse Universe

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



35, 13.226, 10.822



42, 19.982, 11.727



41, 16.651, 154.221



19, 2.482, 8.745



23, 52.393, 31.257



51, 94.025, 34.577

Previews

White Background



This preview shows how the CIELCh color 35, 20.701, 321.861 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, 20.701, 321.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

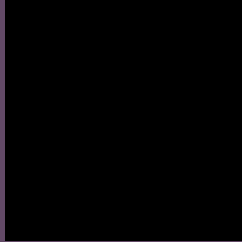
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 20.701, 321.861

Background



This preview shows how black text looks on a background with the CIELCh color 35, 20.701, 321.861.



This preview shows how white text looks on a background with the CIELCh color 35, 20.701, 321.861.

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, 20.701, 321.861

Protanopia

35, 16.335, 283.740

Deuteranopia

35, 13.113, 292.342



Tritanopia
35, 8.679, 355.393

Trichromacy



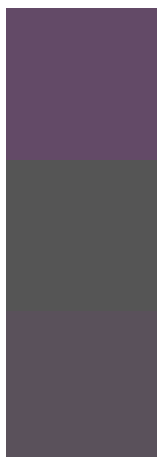
Original Color
35, 20.701, 321.861

Protanomaly
35, 17.033, 299.384

Deuteranomaly
35, 15.494, 305.833

Tritanomaly
35, 12.900, 335.097

Monochromacy



Original Color
35, 20.701, 321.861

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 7.316, 322.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 20.701, 321.861 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(99, 74, 103)` looks like.

```
.text, #text, p{  
    color:rgb(99, 74, 103)  
}
```

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(99, 74, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 74, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 20.701, 321.861 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(99, 74, 103) }
```

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

```
.border{ border-color:rgb(99, 74, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 74, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 74, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 74, 103);  
box-shadow:4px 4px 4px 4px rgb(99, 74,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 20.701, 321.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 74, 103) }
```

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

```
.background{ background-color: rgb(99, 74,  
103) }
```

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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