

Converting Colors

CIELCh(35, 60.915, 356.360)

Have a look what the booklet for
CIELCh(35, 60.915, 356.360)
contains.

CIELCh(35, 60.881, 356.595)	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, 60.881, 356.595)

Conversions

Conversions Part 1

Format	Color
Hex	A2035A
RGB	162, 3, 90
RGB Percent	64%, 1%, 35%
CMY	0.3644, 0.9874, 0.6468
CMYK	0.00, 0.98, 0.44, 0.36
HSL	327°, 96%, 32%
HSV	327°, 98%, 64%
XYZ	16.7995, 8.4984, 10.4424
YIQ	60.4590, 66.8370, 60.7650

Conversions

Conversions Part 2

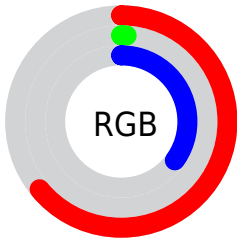
Format	Color
RYB	162, 3, 90
Decimal	10617690
CIELab	35.00, 60.77, -3.62
CIElCh	35, 60.881, 356.595
Yxy	8.4984, 0.4700, 0.2378
Android (android.graphics.Color)	4288807770 (0xFFA2035A)
YUV	60.4590, 14.5637, 89.0515
Hunter-Lab	29.1520, 51.8487, -0.8317

Details

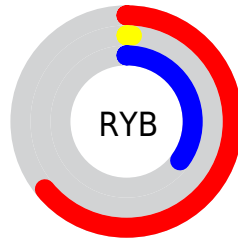
The CIELCh color **35, 60.881, 356.595** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **58, 65.312, 147.560**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 60.908, 356.705**, and **21, 43.680, 5.631** is the 20% darker color. If you saturate the color by 10%, you get **35, 61.121, 357.233**, and if you desaturate by 10%, it is **36, 59.522, 353.473**.

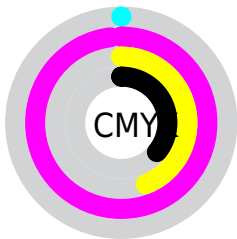
Distribution



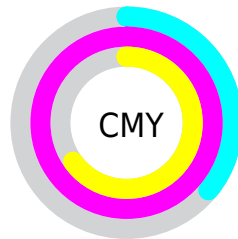
- Red (64%)
- Green (1%)
- Blue (35%)



- Red (64%)
- Yellow (1%)
- Blue (35%)



- Cyan (0%)
- Magenta (98%)
- Yellow (44%)
- Black (36%)





- Cyan (36%)
- Magenta (99%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 60.881, 356.595 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, 60.881, 356.595 by changing the saturation by 10% instead.


 35, 60.881,
356.595


 35, 60.881,
356.595

 100, 60.881,
356.595


 25, 60.881,
356.595

 55, 60.881,
356.595


 15, 60.881,
356.595


 65, 60.881,
356.595

 5, 60.881, 356.595

 75, 60.881,
356.595

 0, 60.881, 356.595

 85, 60.881,
356.595

 95, 60.881,
356.595

■ 35, 60.881,
356.595

■ 35, 60.881,
356.595

■ 35, 61.121,
357.233

■ 36, 59.522,
353.473

■ 38, 56.584,
350.926

■ 40, 51.920,
348.888

■ 43, 45.817,
347.226

■ 46, 38.674,
345.838

■ 50, 30.883,
344.646

■ 54, 22.764,
343.600

■ 59, 14.555,

342.661

■ 63, 6.414, 341.790

Harmonies

Complementary

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



35, 60.881, 356.595



58, 65.312, 147.560

Rectangle

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



35, 60.881, 356.595



35, 60.881, 46.595



35, 60.881, 176.595



35, 60.881, 226.595

Sweetspot

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



35, 60.878, 356.596



69, 29.293, 343.753



24, 88.821, 310.980



34, 20.268, 344.171



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



35, 60.878, 356.596



46, 74.343, 358.014



34, 71.270, 37.171



32, 4.558, 341.899



31, 56.503, 356.862



1, 6.776, 343.905

Inverse Universe

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



35, 60.878, 356.596



46, 74.343, 358.014



60, 37.045, 189.201



32, 4.558, 341.899



31, 56.503, 356.862



1, 6.776, 343.905

Previews

White Background



This preview shows how the CIE LCh color 35, 60.881, 356.595 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 CIE LCh color 35, 60.881, 356.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

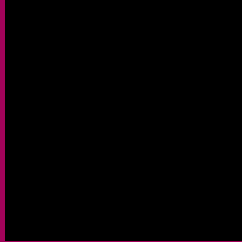
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 60.881, 356.595

Background



This preview shows how black text looks on a background with the CIELCh color 35, 60.881, 356.595.



This preview shows how white text looks on a background with the CIELCh color 35, 60.881, 356.595.

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, 60.881, 356.595

Protanopia

36, 28.681, 285.005

Deuteranopia

36, 5.281, 13.432



Tritanopia
36, 58.802, 32.456

Trichromacy



Original Color
35, 60.881, 356.595

Protanomaly
31, 41.034, 320.911

Deuteranomaly
32, 33.508, 349.471

Tritanomaly
35, 57.293, 18.574

Monochromacy



Original Color
35, 60.881, 356.595

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 31.158, 346.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 60.881, 356.595 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(162, 3, 90)` looks like.

```
.text, #text, p{  
    color:rgb(162, 3, 90)  
}
```

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(162, 3, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 3, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 60.881, 356.595 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(162, 3, 90) }
```

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

```
.border{ border-color:rgb(162, 3, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 3, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 3, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 3, 90);  
box-shadow:4px 4px 4px 4px rgb(162, 3, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 60.881, 356.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 3, 90) }
```

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

```
.background{ background-color: rgb(162, 3,  
90) }
```

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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