

Converting Colors

CIELCh(35, 61.389, 11.276)

Have a look what the booklet for
CIELCh(35, 61.389, 11.276) contains.

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Color

CIELCh(35, 61.475, 11.441)

Conversions

Conversions Part 1

Format	Color
Hex	A60042
RGB	166, 0, 66
RGB Percent	65%, 0%, 26%
CMY	0.3491, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.60, 0.35
HSL	336°, 100%, 33%
HSV	336°, 100%, 65%
XYZ	16.7063, 8.4984, 5.9128
YIQ	57.1580, 77.7500, 55.7180

Conversions

Conversions Part 2

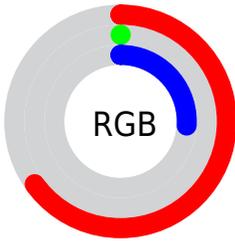
Format	Color
RYB	166, 0, 66
Decimal	10879042
CIELab	35.00, 60.25, 12.19
CIElCh	35, 61.475, 11.441
Yxy	8.4984, 0.5369, 0.2731
Android (android.graphics.Color)	4289069122 (0xFFA60042)
YUV	57.1580, 4.3591, 95.4544
Hunter-Lab	29.1520, 51.2779, 8.3808

Details

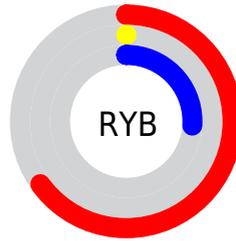
The CIELCh color **35, 61.475, 11.441** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **60, 57.470, 155.129**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 61.414, 11.789**, and **21, 46.821, 24.204** is the 20% darker color. If you saturate the color by 10%, you get **35, 61.472, 11.443**, and if you desaturate by 10%, it is **36, 59.157, 6.881**.

Distribution



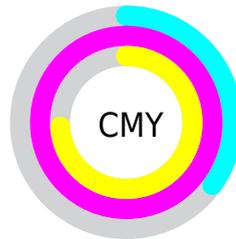
- Red (65%)
- Green (0%)
- Blue (26%)



- Red (65%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 61.475, 11.441 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, 61.475, 11.441 by changing the saturation by 10% instead.

 35, 61.475, 11.441

 35, 61.475, 11.441

 100, 61.475,
11.441

 25, 61.475, 11.441

 55, 61.475, 11.441

 15, 61.475, 11.441

 65, 61.475, 11.441

 5, 61.475, 11.441

 75, 61.475, 11.441

 0, 61.475, 11.441

 85, 61.475, 11.441

 95, 61.475, 11.441

 35, 61.475, 11.441

 35, 61.475, 11.441

 35, 61.472, 11.443

 36, 59.157, 6.881

■ 38, 55.837, 3.010

■ 40, 51.066,
359.944

■ 43, 45.031,
357.514

■ 46, 38.076,
355.561

■ 50, 30.570,
353.956

■ 54, 22.821,
352.607

■ 59, 15.055,
351.444

■ 63, 7.421, 350.409

Harmonies

Complementary

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



35, 61.475, 11.441



60, 57.470, 155.129

Rectangle

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



35, 61.475, 11.441



35, 61.475, 61.441



35, 61.475, 191.441



35, 61.475, 241.441

Sweetspot

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



35, 61.472, 11.443



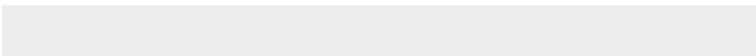
70, 28.368, 352.677



28, 88.512, 314.496



35, 19.559, 353.203



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



35, 61.472, 11.443



46, 75.142, 12.520



35, 74.189, 41.212



33, 4.243, 350.339



31, 56.428, 10.895



2, 7.380, 353.101

Inverse Universe

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



35, 61.472, 11.443



46, 75.142, 12.520



56, 32.384, 214.034



33, 4.243, 350.339



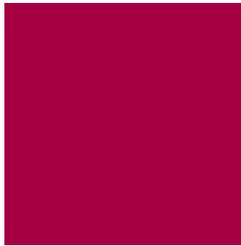
31, 56.428, 10.895



2, 7.380, 353.101

Previews

White Background



This preview shows how the CIELCh color 35, 61.475, 11.441 looks on a white background.

Color Contrast Check

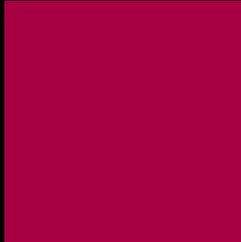
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.475, 11.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

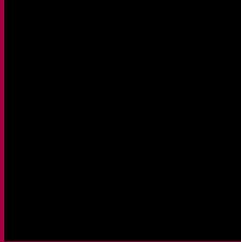
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 61.475, 11.441

Background



This preview shows how black text looks on a background with the CIELCh color 35, 61.475, 11.441.



This preview shows how white text looks on a background with the CIELCh color 35, 61.475, 11.441.

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, 61.475, 11.441

Protanopia

36, 6.827, 287.899

Deuteranopia

36, 17.309, 73.993



Tritanopia
36, 66.170, 35.358

Trichromacy



Original Color
35, 61.475, 11.441

Protanomaly
32, 31.123, 347.999

Deuteranomaly
32, 34.069, 16.465

Tritanomaly
35, 63.385, 27.246

Monochromacy



Original Color
35, 61.475, 11.441

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 30.366, 357.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 61.475, 11.441 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(166, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 66)  
}
```

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(166, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 61.475, 11.441 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(166, 0, 66) }
```

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

```
.border{ border-color:rgb(166, 0, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 0, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(166, 0, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 35, 61.475, 11.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 66) }
```

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

```
.background{ background-color: rgb(166, 0,  
66) }
```

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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