

Converting Colors

CIELCh(36, 67.422, 346.512)

Have a look what the booklet for
CIELCh(36, 67.422, 346.512)
contains.

CIELCh(36, 65.769, 347.056)	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(36, 65.769, 347.056)

Conversions

Conversions Part 1

Format	Color
Hex	A5006E
RGB	165, 0, 110
RGB Percent	65%, 0%, 43%
CMY	0.3544, 1.0000, 0.5693
CMYK	0.00, 1.00, 0.33, 0.35
HSL	320°, 100%, 32%
HSV	320°, 100%, 65%
XYZ	18.2084, 9.0082, 15.4815
YIQ	61.8750, 63.0300, 69.1900

Conversions

Conversions Part 2

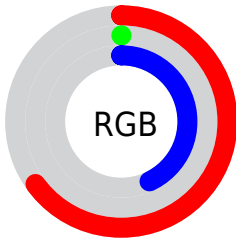
Format	Color
RYB	165, 0, 110
Decimal	10813550
CIELab	36.00, 64.10, -14.73
CIElCh	36, 65.769, 347.056
Yxy	9.0082, 0.4264, 0.2110
Android (android.graphics.Color)	4289003630 (0xFFA5006E)
YUV	61.8750, 23.7256, 90.4406
Hunter-Lab	30.0136, 55.7671, -9.5733

Details

The CIELCh color **36, 65.769, 347.056** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **59, 74.289, 142.389**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **56, 65.643, 346.942**, and **22, 46.317, 353.379** is the 20% darker color. If you saturate the color by 10%, you get **36, 65.317, 347.159**, and if you desaturate by 10%, it is **37, 64.340, 345.121**.

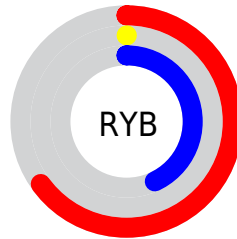
Distribution



Red (65%)

Green (0%)

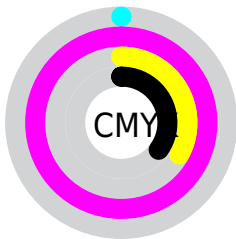
Blue (43%)



Red (65%)

Yellow (0%)

Blue (43%)

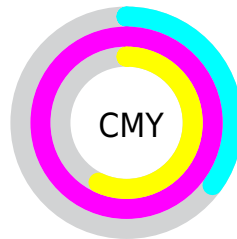


Cyan (0%)

Magenta (100%)

Yellow (33%)

Black (35%)



Cyan (35%)


Magenta (100%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 65.769, 347.056 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 36, 65.769, 347.056 by changing the saturation by 10% instead.


 36, 65.769,
347.056


 36, 65.769,
347.056

 100, 65.769,
347.056


 26, 65.769,
347.056

 56, 65.769,
347.056


 16, 65.769,
347.056


 66, 65.769,
347.056

 6, 65.769, 347.056

 76, 65.769,
347.056

 0, 65.769, 347.056

 86, 65.769,
347.056

 96, 65.769,
347.056

■ 36, 65.769,
347.056

■ 36, 65.769,
347.056

■ 36, 65.317,
347.159

■ 37, 64.340,
345.121

■ 39, 61.799,
343.387

■ 41, 57.317,
341.952

■ 44, 51.162,
340.736

■ 47, 43.743,
339.675

■ 50, 35.480,
338.727

■ 54, 26.736,
337.863

■ 59, 17.791,

337.062

■ 63, 8.838, 336.306

Harmonies

Complementary

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



36, 65.769, 347.056



59, 74.289, 142.389

Rectangle

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



36, 65.769, 347.056



36, 65.769, 37.056



36, 65.769, 167.056



36, 65.769, 217.056

Sweetspot

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



36, 65.317, 347.159



69, 33.122, 337.909



22, 93.225, 308.631



34, 22.532, 338.247



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



36, 65.317, 347.159



47, 79.170, 347.636



34, 67.407, 30.171



32, 4.961, 336.250



32, 59.734, 346.896



1, 7.350, 338.189

Inverse Universe

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



36, 65.317, 347.159



47, 79.170, 347.636



60, 43.784, 172.733



32, 4.961, 336.250



32, 59.734, 346.896



1, 7.350, 338.189

Previews

White Background



This preview shows how the CIELCh color 36, 65.769, 347.056 looks on a white background.

Color Contrast Check

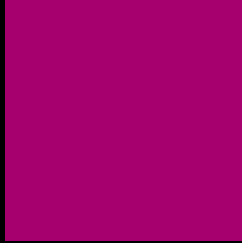
Large Text (above 18pt) WCAG AA ✓ Pass

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 36, 65.769, 347.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

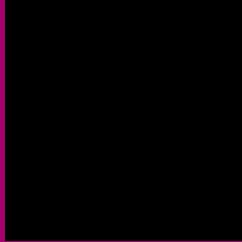
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 65.769, 347.056

Background



This preview shows how black text looks on a background with the CIELCh color 36, 65.769, 347.056.



This preview shows how white text looks on a background with the CIELCh color 36, 65.769, 347.056.

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

36, 65.406, 347.198

Protanopia

38, 43.905, 285.969

Deuteranopia

37, 9.984, 298.627



Tritanopia
37, 55.222, 29.933

Trichromacy



Original Color
36, 65.406, 347.198

Protanomaly
32, 54.179, 310.837

Deuteranomaly
33, 38.316, 333.638

Tritanomaly
36, 56.098, 11.490

Monochromacy



Original Color
36, 65.406, 347.198

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 34.300, 340.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 65.769, 347.056 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(165, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 110)  
}
```

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(165, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 65.769, 347.056 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(165, 0, 110) }
```

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

```
.border{ border-color:rgb(165, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 65.769, 347.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 110) }
```

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

```
.background{ background-color: rgb(165, 0,  
110) }
```

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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