

Converting Colors

CIELCh(36, 56.801, 346.444)

Have a look what the booklet for
CIELCh(36, 56.801, 346.444)
contains.

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Color

CIELCh(36, 56.700, 346.481)

Conversions

Conversions Part 1

Format	Color
Hex	9A206B
RGB	154, 32, 107
RGB Percent	60%, 13%, 42%
CMY	0.3951, 0.8733, 0.5796
CMYK	0.00, 0.79, 0.30, 0.40
HSL	323°, 65%, 37%
HSV	323°, 79%, 60%
XYZ	16.5610, 9.0082, 14.8334
YIQ	77.0280, 48.6370, 49.1890

Conversions

Conversions Part 2

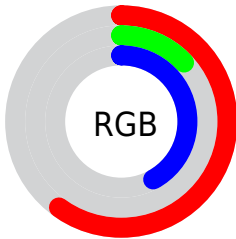
Format	Color
RYB	154, 32, 107
Decimal	10100843
CIELab	36.00, 55.13, -13.25
CIELCh	36, 56.700, 346.481
Yxy	9.0082, 0.4099, 0.2230
Android (android.graphics.Color)	4288290923 (0xFF9A206B)
YUV	77.0280, 14.7762, 67.5044
Hunter-Lab	30.0136, 45.9696, -8.2929

Details

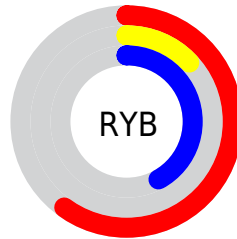
The CIELCh color **36, 56.700, 346.481** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **56, 57.857, 148.558**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 56.780, 346.678**, and **20, 44.100, 349.948** is the 20% darker color. If you saturate the color by 10%, you get **34, 59.335, 348.537**, and if you desaturate by 10%, it is **38, 52.303, 344.808**.

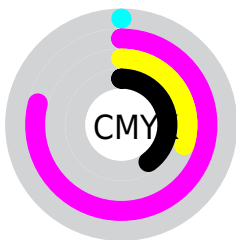
Distribution



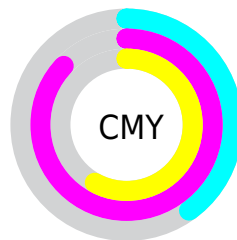
- Red (60%)
- Green (13%)
- Blue (42%)



- Red (60%)
- Yellow (13%)
- Blue (42%)



- Cyan (0%)
- Magenta (79%)
- Yellow (30%)
- Black (40%)





- Cyan (40%)
- Magenta (87%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 56.700, 346.481 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, 56.700, 346.481 by changing the saturation by 10% instead.


 36, 56.700,
346.481


 36, 56.700,
346.481

 100, 56.700,
346.481


 26, 56.700,
346.481

 56, 56.700,
346.481


 16, 56.700,
346.481


 66, 56.700,
346.481

 6, 56.700, 346.481

 76, 56.700,
346.481

 0, 56.700, 346.481

 86, 56.700,
346.481

 96, 56.700,
346.481

■ 36, 56.700,
346.481

■ 36, 56.700,
346.481

■ 34, 59.335,
348.537

■ 38, 52.303,
344.808

■ 33, 60.486,
350.993

■ 41, 46.426,
343.415

■ 33, 60.590,
351.227

■ 44, 39.453,
342.224

■ 48, 31.769,
341.180

■ 52, 23.700,
340.243

■ 56, 15.489,
339.388

■ 60, 7.305, 338.587

■ 64, 0.745, 158.313

Harmonies

Complementary

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



36, 56.700, 346.481



56, 57.857, 148.558

Rectangle

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



36, 56.700, 346.481



36, 56.700, 36.481



36, 56.700, 166.481



36, 56.700, 216.481

Sweetspot

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



36, 56.697, 346.482



69, 24.309, 339.843



27, 75.173, 309.709



35, 16.847, 340.133



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



36, 56.697, 346.482



45, 73.307, 350.486



34, 55.037, 25.149



30, 4.529, 338.600



30, 56.612, 350.965



1, 4.818, 338.442

Inverse Universe

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



36, 56.697, 346.482



45, 73.307, 350.486



57, 35.327, 182.867



30, 4.529, 338.600



30, 56.612, 350.965



1, 4.818, 338.442

Previews

White Background



This preview shows how the CIELCh color 36, 56.700, 346.481 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, 56.700, 346.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

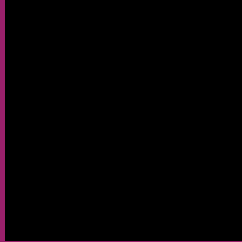
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 56.700, 346.481

Background



This preview shows how black text looks on a background with the CIELCh color 36, 56.700, 346.481.



This preview shows how white text looks on a background with the CIELCh color 36, 56.700, 346.481.

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, 56.700, 346.481

Protanopia

37, 37.302, 285.779

Deuteranopia

37, 10.638, 298.316



Tritanopia
36, 47.147, 26.880

Trichromacy



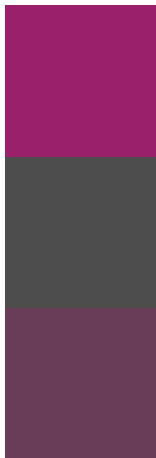
Original Color
36, 56.700, 346.481

Protanomaly
34, 42.460, 310.129

Deuteranomaly
34, 29.630, 332.116

Tritanomaly
36, 47.554, 10.255

Monochromacy



Original Color
36, 56.700, 346.481

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 24.834, 341.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 56.700, 346.481 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(154, 32, 107)` looks like.

```
.text, #text, p{  
    color:rgb(154, 32, 107)  
}
```

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(154, 32, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 32, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 56.700, 346.481 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(154, 32, 107) }
```

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

```
.border{ border-color:rgb(154, 32, 107) }
```

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

Here you see how a box with a 4 pixel rgb(154, 32, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 32, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 32, 107);  
box-shadow:4px 4px 4px 4px rgb(154, 32,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 56.700, 346.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 32, 107) }
```

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

```
.background{ background-color: rgb(154, 32,  
107) }
```

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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