

Converting Colors

CIELCh(36, 56.125, 313.145)

Have a look what the booklet for
CIELCh(36, 56.125, 313.145)
contains.

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Color

CIELCh(36, 56.125, 313.145)

Conversions

Conversions Part 1

Format	Color
Hex	6E3E97
RGB	110, 62, 151
RGB Percent	43%, 24%, 59%
CMY	0.5684, 0.7566, 0.4076
CMYK	0.27, 0.59, 0.00, 0.41
HSL	272°, 42%, 42%
HSV	272°, 59%, 59%
XYZ	13.7566, 9.0082, 30.3217
YIQ	86.4980, 0.0390, 37.8550

Conversions

Conversions Part 2

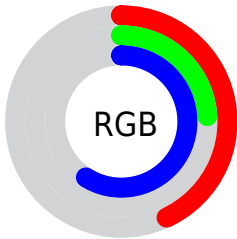
Format	Color
R_{YB}	110, 62, 151
Decimal	7224983
CIE Lab	36.00, 38.38, -40.95
CIE LCh	36, 56.125, 313.145
Yxy	9.0082, 0.2591, 0.1697
Android (android.graphics.Color)	4285415063 (0xFF6E3E97)
YUV	86.4980, 31.7995, 20.6113
Hunter-Lab	30.0136, 29.2907, -38.8891

Details

The CIELCh color **36, 56.125, 313.145** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **57, 51.967, 127.864**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 56.066, 313.043**, and **16, 55.915, 313.162** is the 20% darker color. If you saturate the color by 10%, you get **32, 65.000, 313.470**, and if you desaturate by 10%, it is **40, 46.645, 312.713**.

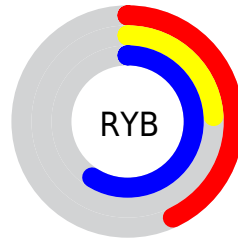
Distribution



Red (43%)

Green (24%)

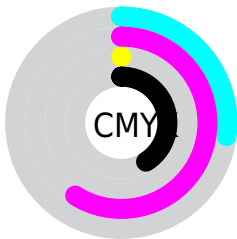
Blue (59%)



Red (43%)

Yellow (24%)

Blue (59%)

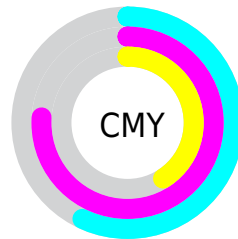


Cyan (27%)

Magenta (59%)

Yellow (0%)

Black (41%)



Cyan (57%)


Magenta (76%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 56.125, 313.145 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, 56.125, 313.145 by changing the saturation by 10% instead.


 36, 56.125,
313.145


 36, 56.125,
313.145

 100, 56.125,
313.145


 26, 56.125,
313.145

 56, 56.125,
313.145


 16, 56.125,
313.145


 66, 56.125,
313.145

 6, 56.125, 313.145

 76, 56.125,
313.145

 0, 56.125, 313.145

 86, 56.125,
313.145

 96, 56.125,
313.145

36, 56.125,
313.145

36, 56.125,
313.145

32, 65.000,
313.470

40, 46.645,
312.713

29, 72.766,
313.607

45, 36.922,
312.230

26, 78.824,
313.459

49, 27.187,
311.735

24, 83.123,
313.043

54, 17.581,
311.253

24, 83.593,
313.007

58, 8.182, 310.793

63, 0.972, 130.498

68, 9.862, 130.020

72, 18.487,
129.674

■ 77, 26.850,
129.369

Harmonies

Complementary

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



36, 56.125, 313.145



57, 51.967, 127.864

Rectangle

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



36, 56.125, 313.145



36, 56.125, 3.145



36, 56.125, 133.145



36, 56.125, 183.145

Sweetspot

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



36, 56.124, 313.145



69, 20.701, 311.227



43, 30.290, 270.735



35, 14.547, 311.355



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



36, 56.124, 313.145



41, 82.399, 313.544



42, 57.349, 328.368



30, 5.242, 310.808



22, 79.130, 313.080



1, 5.590, 310.118

Inverse Universe

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



40, 42.076, 352.819



47, 60.041, 355.702



56, 57.975, 140.327



30, 4.077, 346.554



29, 54.146, 4.636



1, 4.332, 346.264

Previews

White Background



This preview shows how the CIELCh color 36, 56.125, 313.145 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, 56.125, 313.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

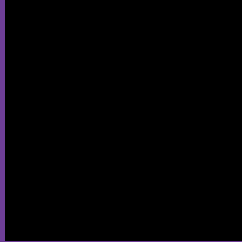
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 56.125, 313.145

Background



This preview shows how black text looks on a background with the CIELCh color 36, 56.125, 313.145.



This preview shows how white text looks on a background with the CIELCh color 36, 56.125, 313.145.

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, 56.125, 313.145

Protanopia

36, 55.808, 287.176

Deuteranopia

36, 38.154, 277.952



Tritanopia
36, 9.043, 356.644

Trichromacy



Original Color
36, 56.125, 313.145

Protanomaly
35, 55.175, 293.202

Deuteranomaly
35, 44.129, 292.352

Tritanomaly
36, 25.802, 320.548

Monochromacy



Original Color
36, 56.125, 313.145

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 21.043, 311.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 56.125, 313.145 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(110, 62, 151)` looks like.

```
.text, #text, p{  
    color:rgb(110, 62, 151)  
}
```

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(110, 62, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 62, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 56.125, 313.145 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(110, 62, 151) }
```

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

```
.border{ border-color:rgb(110, 62, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 62, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 62, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 62, 151);  
box-shadow:4px 4px 4px 4px rgb(110, 62,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 56.125, 313.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 62, 151) }
```

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

```
.background{ background-color: rgb(110, 62,  
151) }
```

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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