

Converting Colors

CIELCh(36, 52.102, 313.724)

Have a look what the booklet for
CIELCh(36, 52.102, 313.724)
contains.

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Color

CIELCh(36, 52.158, 313.684)

Conversions

Conversions Part 1

Format	Color
Hex	6E4092
RGB	110, 64, 146
RGB Percent	43%, 25%, 57%
CMY	0.5696, 0.7499, 0.4284
CMYK	0.25, 0.56, 0.00, 0.43
HSL	274°, 39%, 41%
HSV	274°, 56%, 57%
XYZ	13.3894, 9.0082, 28.1261
YIQ	87.1020, 1.0940, 35.2540

Conversions

Conversions Part 2

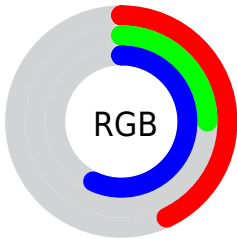
Format	Color
R _Y B	110, 64, 146
Decimal	7225490
CIE Lab	36.00, 36.02, -37.72
CIE LCh	36, 52.158, 313.684
Yxy	9.0082, 0.2650, 0.1783
Android (android.graphics.Color)	4285415570 (0xFF6E4092)
YUV	87.1020, 29.0367, 20.0815
Hunter-Lab	30.0136, 27.1072, -34.5519

Details

The CIELCh color $36, 52.158, 313.684$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $56, 48.715, 128.680$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $56, 51.707, 313.808$, and $16, 52.325, 313.741$ is the 20% darker color. If you saturate the color by 10%, you get $32, 60.923, 314.018$, and if you desaturate by 10%, it is $40, 42.887, 313.258$.

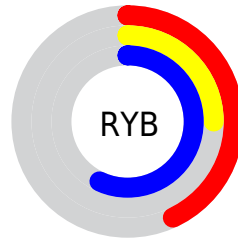
Distribution



Red (43%)

Green (25%)

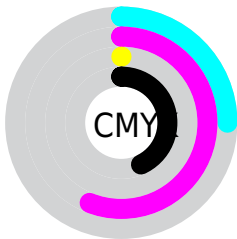
Blue (57%)



Red (43%)

Yellow (25%)

Blue (57%)

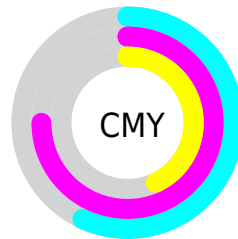


Cyan (25%)

Magenta (56%)

Yellow (0%)

Black (43%)



Cyan (57%)


Magenta (75%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 52.158, 313.684 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, 52.158, 313.684 by changing the saturation by 10% instead.


 36, 52.158,
313.684


 36, 52.158,
313.684

 100, 52.158,
313.684


 26, 52.158,
313.684

 56, 52.158,
313.684


 16, 52.158,
313.684


 66, 52.158,
313.684

 6, 52.158, 313.684

 76, 52.158,
313.684

 0, 52.158, 313.684

 86, 52.158,
313.684

 96, 52.158,
313.684

■ 36, 52.158,
313.684

■ 36, 52.158,
313.684

■ 32, 60.923,
314.018

■ 40, 42.887,
313.258

■ 29, 68.737,
314.188

■ 44, 33.429,
312.790

■ 26, 75.048,
314.108

■ 49, 23.985,
312.313

■ 24, 79.478,
313.718

■ 53, 14.676,
311.849

■ 23, 81.040,
313.581

■ 58, 5.572, 311.402

■ 62, 3.294, 131.054

■ 67, 11.906,
130.665

■ 71, 20.263,
130.333

■ 76, 28.369,
130.039

Harmonies

Complementary

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



36, 52.158, 313.684



56, 48.715, 128.680

Rectangle

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



36, 52.158, 313.684



36, 52.158, 3.684



36, 52.158, 133.684



36, 52.158, 183.684

Sweetspot

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



36, 52.157, 313.684



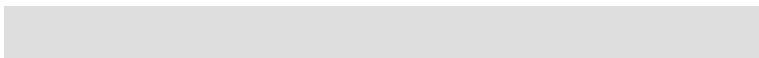
67, 18.986, 311.899



42, 28.768, 271.559



34, 12.685, 311.979



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



36, 52.157, 313.684



41, 75.829, 314.070



41, 53.027, 328.770



29, 5.120, 311.535



22, 77.719, 313.638



1, 4.429, 311.164

Inverse Universe

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



39, 38.878, 353.748



46, 55.385, 356.247



54, 53.524, 141.085



29, 3.909, 347.802



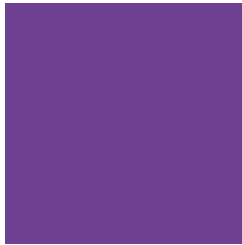
29, 53.391, 6.583



1, 3.376, 347.064

Previews

White Background



This preview shows how the CIELCh color 36, 52.158, 313.684 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, 52.158, 313.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

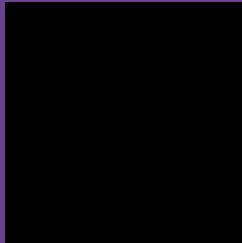
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 52.158, 313.684

Background



This preview shows how black text looks on a background with the CIELCh color 36, 52.158, 313.684.

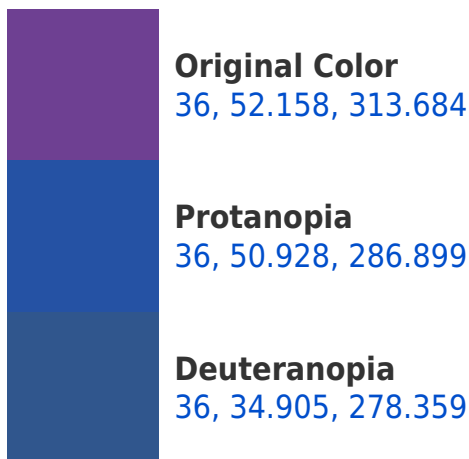


This preview shows how white text looks on a background with the CIELCh color 36, 52.158, 313.684.

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





Tritanopia
36, 9.447, 357.829

Trichromacy



Original Color
36, 52.158, 313.684

Protanomaly
35, 50.850, 294.419

Deuteranomaly
35, 40.356, 293.092

Tritanomaly
36, 24.195, 322.619

Monochromacy



Original Color
36, 52.158, 313.684

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 19.155, 312.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 52.158, 313.684 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, 64, 146)` looks like.

```
.text, #text, p{  
    color:rgb(110, 64, 146)  
}
```

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, 64, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 64, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 52.158, 313.684 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, 64, 146) }
```

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

```
.border{ border-color:rgb(110, 64, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 64, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 64, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 64, 146);  
box-shadow:4px 4px 4px 4px rgb(110, 64,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 52.158, 313.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 64, 146) }
```

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

```
.background{ background-color: rgb(110, 64,  
146) }
```

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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