

Converting Colors

CIELCh(36, 36.057, 297.765)

Have a look what the booklet for
CIELCh(36, 36.057, 297.765)
contains.

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Color

CIELCh(36, 36.057, 297.765)

Conversions

Conversions Part 1

Format	Color
Hex	524E88
RGB	82, 78, 136
RGB Percent	32%, 31%, 53%
CMY	0.6787, 0.6943, 0.4669
CMYK	0.40, 0.43, 0.00, 0.47
HSL	244°, 27%, 42%
HSV	244°, 43%, 53%
XYZ	10.6348, 9.0082, 24.4484
YIQ	85.8080, -16.2340, 18.8860

Conversions

Conversions Part 2

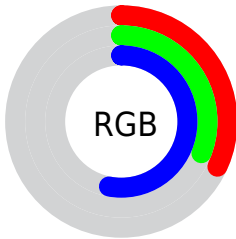
Format	Color
R _Y B	82, 78, 136
Decimal	5394056
CIE Lab	36.00, 16.80, -31.91
CIE LCh	36, 36.057, 297.765
Yxy	9.0082, 0.2412, 0.2043
Android (android.graphics.Color)	4283584136 (0xFF524E88)
YUV	85.8080, 24.7447, -3.3396
Hunter-Lab	30.0136, 10.7244, -27.2868

Details

The CIELCh color **36, 36.057, 297.765** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **55, 32.418, 109.369**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **56, 36.244, 297.888**, and **16, 36.114, 297.795** is the 20% darker color. If you saturate the color by 10%, you get **31, 45.368, 299.374**, and if you desaturate by 10%, it is **41, 27.055, 296.339**.

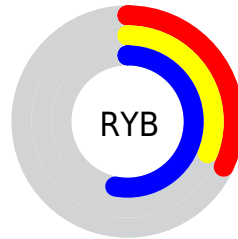
Distribution



Red (32%)

Green (31%)

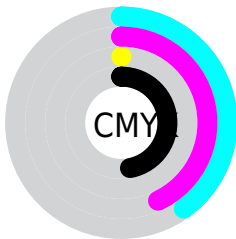
Blue (53%)



Red (32%)

Yellow (31%)

Blue (53%)

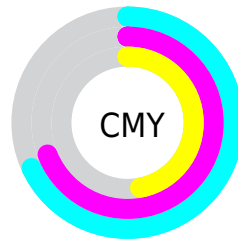


Cyan (40%)

Magenta (43%)

Yellow (0%)

Black (47%)



Cyan (68%)


Magenta (69%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 36.057, 297.765 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, 36.057, 297.765 by changing the saturation by 10% instead.


 36, 36.057,
297.765


 36, 36.057,
297.765

 100, 36.057,
297.765


 26, 36.057,
297.765

 56, 36.057,
297.765


 16, 36.057,
297.765


 66, 36.057,
297.765

 6, 36.057, 297.765

 76, 36.057,
297.765

 0, 36.057, 297.765

 86, 36.057,
297.765

 96, 36.057,
297.765

■ 36, 36.057,
297.765

■ 36, 36.057,
297.765

■ 31, 45.368,
299.374

■ 41, 27.055,
296.339

■ 27, 54.866,
301.124

■ 46, 18.399,
295.098

■ 22, 64.223,
302.913

■ 51, 10.081,
294.030

■ 19, 72.762,
304.547

■ 55, 2.084, 293.123

■ 16, 79.394,
305.760


■ 60, 5.614, 112.318

■ 15, 83.444,
306.581

■ 65, 13.033,
111.647

■ 70, 20.193,
111.068

■ 74, 27.110,
110.568

 79, 33.802,
110.136

Harmonies

Complementary

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



36, 36.057, 297.765



55, 32.418, 109.369

Rectangle

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



36, 36.057, 297.765



36, 36.057, 347.765



36, 36.057, 117.765



36, 36.057, 167.765

Sweetspot

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



36, 36.056, 297.765



64, 12.794, 294.092



52, 18.534, 204.638



32, 9.057, 294.291



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



36, 36.056, 297.765



41, 54.188, 299.281



39, 37.341, 313.265



26, 4.511, 293.694



14, 81.942, 306.590



0, 2.060, 292.888

Inverse Universe

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



42, 38.582, 328.676



50, 55.995, 329.162



53, 35.530, 129.451



27, 5.191, 326.826



30, 67.473, 331.093



0, 2.396, 326.347

Previews

White Background



This preview shows how the CIE LCh color 36, 36.057, 297.765 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, 36.057, 297.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

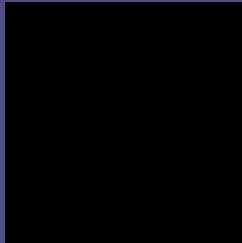
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 36.057, 297.765

Background



This preview shows how black text looks on a background with the CIELCh color 36, 36.057, 297.765.



This preview shows how white text looks on a background with the CIELCh color 36, 36.057, 297.765.

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

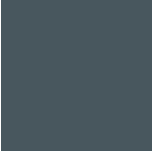
36, 36.057, 297.765

Protanopia

36, 35.555, 285.335

Deuteranopia

36, 31.015, 279.459



Tritanopia
36, 7.227, 235.941

Trichromacy



Original Color
36, 36.057, 297.765

Protanomaly
36, 35.991, 289.987

Deuteranomaly
36, 33.027, 286.834

Tritanomaly
36, 15.717, 281.857

Monochromacy



Original Color
36, 36.057, 297.765

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 13.093, 295.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 36.057, 297.765 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(82, 78, 136)` looks like.

```
.text, #text, p{  
    color:rgb(82, 78, 136)  
}
```

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(82, 78, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 78, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 36.057, 297.765 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(82, 78, 136) }
```

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

```
.border{ border-color:rgb(82, 78, 136) }
```

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

Here you see how a box with a 4 pixel rgb(82, 78, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 78, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 78, 136);  
box-shadow:4px 4px 4px 4px rgb(82, 78,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 36.057, 297.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 78, 136) }
```

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

```
.background{ background-color: rgb(82, 78,  
136) }
```

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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