

Converting Colors

CIELCh(36, 43.403, 304.075)

Have a look what the booklet for
CIELCh(36, 43.403, 304.075)
contains.

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Color

CIELCh(36, 43.810, 304.103)

Conversions

Conversions Part 1

Format	Color
Hex	5B498F
RGB	91, 73, 143
RGB Percent	36%, 29%, 56%
CMY	0.6424, 0.7131, 0.4385
CMYK	0.36, 0.49, 0.00, 0.44
HSL	255°, 32%, 42%
HSV	255°, 49%, 56%
XYZ	11.6967, 9.0082, 27.1813
YIQ	86.3620, -11.7420, 25.5860

Conversions

Conversions Part 2

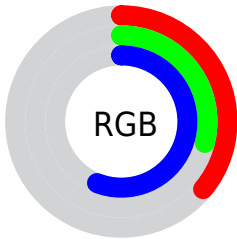
Format	Color
R_{YB}	91, 73, 143
Decimal	5982607
CIE _{Lab}	36.00, 24.56, -36.28
CIE _{LCh}	36, 43.810, 304.103
Yxy	9.0082, 0.2443, 0.1881
Android (android.graphics.Color)	4284172687 (0xFF5B498F)
YUV	86.3620, 27.9225, 4.0675
Hunter-Lab	30.0136, 17.0400, -32.6855

Details

The CIELCh color $[36, 43.810, 304.103]$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $[57, 39.254, 117.304]$, and the grayscale version is $[37, 0.005, 296.813]$.

A 20% lighter version of the original color is $[56, 43.684, 304.291]$, and $[16, 43.477, 303.857]$ is the 20% darker color. If you saturate the color by 10%, you get $[31, 53.403, 305.130]$, and if you desaturate by 10%, it is $[41, 34.320, 303.128]$.

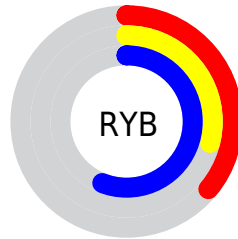
Distribution



Red (36%)

Green (29%)

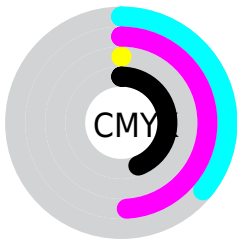
Blue (56%)



Red (36%)

Yellow (29%)

Blue (56%)

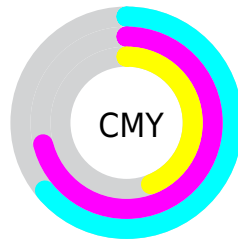


Cyan (36%)

Magenta (49%)

Yellow (0%)

Black (44%)



Cyan (64%)


Magenta (71%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 43.810, 304.103 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, 43.810, 304.103 by changing the saturation by 10% instead.


 36, 43.810,
304.103


 36, 43.810,
304.103

 100, 43.810,
304.103


 26, 43.810,
304.103

 56, 43.810,
304.103


 16, 43.810,
304.103


 66, 43.810,
304.103

 6, 43.810, 304.103

 76, 43.810,
304.103

 0, 43.810, 304.103

 86, 43.810,
304.103

 96, 43.810,
304.103

■ 36, 43.810,
304.103

■ 36, 43.810,
304.103

■ 31, 53.403,
305.130

■ 41, 34.320,
303.128

■ 27, 62.821,
306.144

■ 46, 25.067,
302.237

■ 23, 71.553,
307.031

■ 50, 16.107,
301.439

■ 20, 78.797,
307.623

■ 55, 7.454, 300.734

■ 18, 84.264,
307.928

■ 60, 0.894, 120.152

■ 17, 84.880,
307.983

■ 65, 8.950, 119.592

■ 70, 16.729,
119.128

■ 74, 24.247,
118.728

■ 79, 31.521,
118.382

Harmonies

Complementary

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



36, 43.810, 304.103



57, 39.254, 117.304

Rectangle

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



36, 43.810, 304.103



36, 43.810, 354.103



36, 43.810, 124.103



36, 43.810, 174.103

Sweetspot

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



36, 43.809, 304.103



67, 15.733, 301.176



50, 19.463, 230.008



34, 10.855, 301.313



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, 43.809, 304.103



41, 66.342, 305.269



40, 45.793, 319.286



28, 4.719, 300.753



16, 81.342, 308.029



0, 3.140, 300.185

Inverse Universe

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



41, 40.232, 336.047



50, 58.445, 337.002



54, 44.597, 134.737



28, 4.686, 333.163



30, 59.520, 341.413



1, 3.143, 332.612

Previews

White Background



This preview shows how the CIELCh color 36, 43.810, 304.103 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, 43.810, 304.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

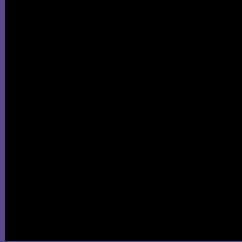
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 36, 43.810, 304.103

Background



This preview shows how black text looks on a background with the CIELCh color 36, 43.810, 304.103.



This preview shows how white text looks on a background with the CIELCh color 36, 43.810, 304.103.

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, 43.810, 304.103

Protanopia

36, 43.583, 286.421

Deuteranopia

36, 35.479, 279.285



Tritanopia
36, 4.761, 265.555

Trichromacy



Original Color
36, 43.810, 304.103

Protanomaly
36, 43.368, 292.020

Deuteranomaly
36, 37.917, 288.600

Tritanomaly
36, 18.744, 296.613

Monochromacy



Original Color
36, 43.810, 304.103

Achromatopsia
37, 0.005, 296.813

Achromatomaly
36, 15.819, 302.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 43.810, 304.103 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(91, 73, 143)` looks like.

```
.text, #text, p{  
    color:rgb(91, 73, 143)  
}
```

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(91, 73, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 73, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 43.810, 304.103 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(91, 73, 143) }
```

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

```
.border{ border-color:rgb(91, 73, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 73, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 73, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 73, 143);  
box-shadow:4px 4px 4px 4px rgb(91, 73,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 43.810, 304.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 73, 143) }
```

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

```
.background{ background-color: rgb(91, 73,  
143) }
```

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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