

Converting Colors

CIELCh(54, 36.351, 310.545)

Have a look what the booklet for
CIELCh(54, 36.351, 310.545)
contains.

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Color

CIELCh(54, 36.161, 310.171)

Conversions

Conversions Part 1

Format	Color
Hex	9275B1
RGB	146, 117, 177
RGB Percent	57%, 46%, 69%
CMY	0.4278, 0.5415, 0.3063
CMYK	0.18, 0.34, 0.00, 0.31
HSL	269°, 28%, 58%
HSV	269°, 34%, 69%
XYZ	26.1145, 21.9746, 44.4098
YIQ	132.5110, -1.9760, 24.8080

Conversions

Conversions Part 2

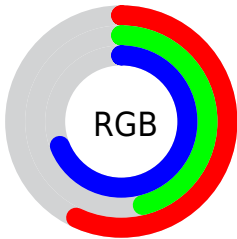
Format	Color
RYB	146, 117, 177
Decimal	9598385
CIELab	54.00, 23.33, -27.63
CIELCh	54, 36.161, 310.171
Yxy	21.9746, 0.2823, 0.2376
Android (android.graphics.Color)	4287788465 (0xFF9275B1)
YUV	132.5110, 21.9331, 11.8299
Hunter-Lab	46.8770, 17.4048, -23.3555

Details

The CIELCh color $54, 36.161, 310.171$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 34.422, 126.904$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 36.482, 310.401$, and $34, 36.279, 310.120$ is the 20% darker color. If you saturate the color by 10%, you get $49, 47.258, 310.729$, and if you desaturate by 10%, it is $59, 25.190, 309.627$.

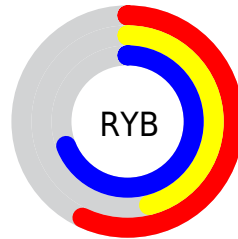
Distribution



Red (57%)

Green (46%)

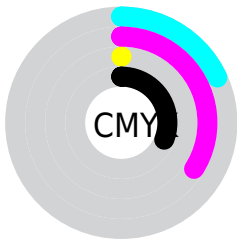
Blue (69%)



Red (57%)

Yellow (46%)

Blue (69%)

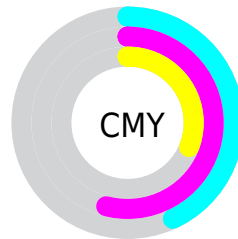


Cyan (18%)

Magenta (34%)

Yellow (0%)

Black (31%)



Cyan (43%)


Magenta (54%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 36.161, 310.171 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 54, 36.161, 310.171 by changing the saturation by 10% instead.


 54, 36.161,
310.171


 54, 36.161,
310.171


 100, 36.161,
310.171


 44, 36.161,
310.171


 74, 36.161,
310.171

 34, 36.161,
310.171

 84, 36.161,
310.171

 24, 36.161,
310.171

 94, 36.161,
310.171

 14, 36.161,
310.171

 4, 36.161, 310.171

 0, 36.161, 310.171

54, 36.161,
310.171

54, 36.161,
310.171

49, 47.258,
310.729

59, 25.190,
309.627

44, 58.289,
311.269

65, 14.456,
309.115

39, 68.922,
311.740

70, 4.010, 308.629

75, 6.124, 128.250

35, 78.642,
312.063

81, 15.944,
127.863

31, 86.745,
312.135

86, 25.456,
127.529

28, 92.482,
311.838

92, 34.672,
127.236

27, 95.155,
311.560

96, 41.658,
126.201

■ 96, 40.600,
121.743

Harmonies

Complementary

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



54, 36.161, 310.171



69, 34.422, 126.904

Rectangle

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



54, 36.161, 310.171



54, 36.161, 0.171



54, 36.161, 130.171



54, 36.161, 180.171

Sweetspot

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



54, 36.159, 310.171



84, 12.772, 308.932



60, 18.695, 257.025



44, 8.722, 308.998



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 36.159, 310.171



64, 54.430, 310.606



57, 39.809, 325.282



35, 5.890, 308.891



23, 85.391, 311.690



1, 13.804, 304.692

Inverse Universe

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



56, 29.078, 345.888



68, 43.339, 346.809



67, 39.753, 141.261



35, 4.810, 343.474



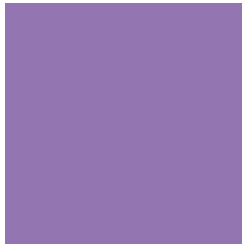
33, 58.148, 359.770



2, 10.708, 348.931

Previews

White Background



This preview shows how the CIELCh color 54, 36.161, 310.171 looks on a white background.

Color Contrast Check

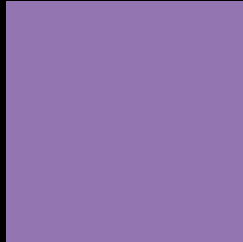
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 36.161, 310.171 looks on a black 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 × Fail

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

CIELCh 54, 36.161, 310.171

Background



This preview shows how black text looks on a background with the CIELCh color 54, 36.161, 310.171.



This preview shows how white text looks on a background with the CIELCh color 54, 36.161, 310.171.

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
54, 8.017, 334.340

Trichromacy



Original Color
54, 36.161, 310.171

Protanomaly
54, 34.086, 294.742

Deuteranomaly
54, 30.691, 296.307

Tritanomaly
54, 17.925, 316.950

Monochromacy



Original Color
54, 36.161, 310.171

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 12.731, 308.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 36.161, 310.171 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(146, 117, 177)` looks like.

```
.text, #text, p{  
    color:rgb(146, 117, 177)  
}
```

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(146, 117, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 117, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 36.161, 310.171 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(146, 117, 177) }
```

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

```
.border{ border-color:rgb(146, 117, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 117, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 117, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 117, 177);  
box-shadow:4px 4px 4px 4px rgb(146, 117,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 36.161, 310.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 117, 177) }
```

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

```
.background{ background-color: rgb(146,  
117, 177) }
```

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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