

Converting Colors

CIELCh(54, 38.090, 328.392)

Have a look what the booklet for
CIELCh(54, 38.090, 328.392)
contains.

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Color

CIELCh(54, 38.057, 328.273)

Conversions

Conversions Part 1

Format	Color
Hex	A86DA4
RGB	168, 109, 164
RGB Percent	66%, 43%, 64%
CMY	0.3408, 0.5722, 0.3565
CMYK	0.00, 0.35, 0.02, 0.34
HSL	304°, 25%, 54%
HSV	304°, 35%, 66%
XYZ	28.3553, 21.9746, 37.9121
YIQ	132.9110, 17.5090, 29.6130

Conversions

Conversions Part 2

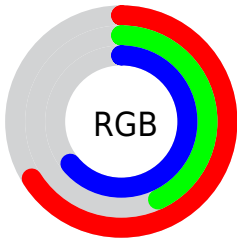
Format	Color
R _Y B	168, 109, 164
Decimal	11038116
CIE Lab	54.00, 32.37, -20.01
CIE LCh	54, 38.057, 328.273
Yxy	21.9746, 0.3213, 0.2490
Android (android.graphics.Color)	4289228196 (0xFFA86DA4)
YUV	132.9110, 15.3269, 30.7731
Hunter-Lab	46.8770, 25.9376, -15.1373

Details

The CIELCh color $54, 38.057, 328.273$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 38.070, 143.756$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 37.708, 328.280$, and $34, 37.821, 328.453$ is the 20% darker color. If you saturate the color by 10%, you get $50, 48.318, 328.813$, and if you desaturate by 10%, it is $58, 27.326, 327.715$.

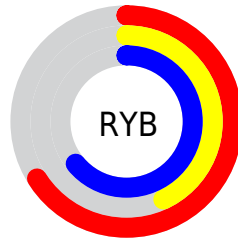
Distribution



Red (66%)

Green (43%)

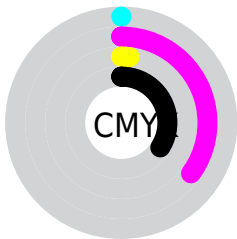
Blue (64%)



Red (66%)

Yellow (43%)

Blue (64%)

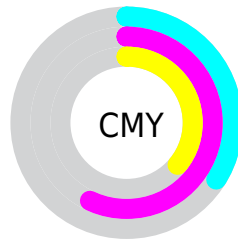


Cyan (0%)

Magenta (35%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (57%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 38.057, 328.273 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, 38.057, 328.273 by changing the saturation by 10% instead.

 54, 38.057,
328.273

 54, 38.057,
328.273

 100, 38.057,
328.273

 44, 38.057,
328.273


 74, 38.057,
328.273

 34, 38.057,
328.273

 84, 38.057,
328.273

 24, 38.057,
328.273

 94, 38.057,
328.273

 14, 38.057,
328.273

 4, 38.057, 328.273

 0, 38.057, 328.273

54, 38.057,
328.273

54, 38.057,
328.273

50, 48.318,
328.813

58, 27.326,
327.715

47, 57.753,
329.324

62, 16.412,
327.147

44, 65.940,
329.797

67, 5.515, 326.558

42, 72.457,
330.224

71, 5.232, 146.099

40, 76.981,
330.605

76, 15.742,
145.537

40, 79.420,
330.947

80, 25.970,
145.019

39, 80.230,
331.108

85, 35.893,
144.529

90, 45.504,
144.066

■ 93, 51.717,
143.884

Harmonies

Complementary

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



54, 38.057, 328.273



64, 38.070, 143.756

Rectangle

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



54, 38.057, 328.273



54, 38.057, 18.273



54, 38.057, 148.273



54, 38.057, 198.273

Sweetspot

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



54, 38.055, 328.273



81, 14.816, 326.923



49, 34.799, 296.687



42, 9.946, 326.997



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 38.055, 328.273



66, 56.064, 328.689



53, 27.554, 350.985



33, 6.139, 326.811



34, 73.070, 331.076



2, 10.944, 327.082

Inverse Universe

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



54, 38.055, 328.273



66, 56.064, 328.689



64, 25.988, 163.997



33, 6.139, 326.811



34, 73.070, 331.076



2, 10.944, 327.082

Previews

White Background



This preview shows how the CIELCh color 54, 38.057, 328.273 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, 38.057, 328.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

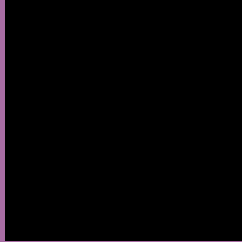
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 38.057, 328.273

Background



This preview shows how black text looks on a background with the CIELCh color 54, 38.057, 328.273.



This preview shows how white text looks on a background with the CIELCh color 54, 38.057, 328.273.

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

54, 38.057, 328.273

Protanopia

54, 28.953, 285.201

Deuteranopia

54, 19.610, 291.498



Tritanopia
54, 19.563, 6.593

Trichromacy



Original Color
54, 38.057, 328.273

Protanomaly
54, 30.491, 302.130

Deuteranomaly
54, 25.552, 310.285

Tritanomaly
54, 24.926, 345.927

Monochromacy



Original Color
54, 38.057, 328.273

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 14.365, 327.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 38.057, 328.273 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(168, 109, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 164)  
}
```

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(168, 109, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 38.057, 328.273 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(168, 109, 164) }
```

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

```
.border{ border-color:rgb(168, 109, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 109, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 164);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 38.057, 328.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 109, 164) }
```

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

```
.background{ background-color: rgb(168,  
109, 164) }
```

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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