

Converting Colors

CIELCh(53, 27.788, 349.933)

Have a look what the booklet for
CIELCh(53, 27.788, 349.933)
contains.

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Color

CIELCh(53, 27.914, 349.484)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A86D88 |
| RGB | 168, 109, 136 |
| RGB Percent | 66%, 43%, 53% |
| CMY | 0.3411, 0.5725, 0.4666 |
| CMYK | 0.00, 0.35, 0.19, 0.34 |
| HSL | 333°, 25%, 54% |
| HSV | 333°, 35%, 66% |
| XYZ | 26.0683, 21.0462, 25.9876 |
| YIQ | 129.7190, 26.4970, 20.9050 |

Conversions

Conversions Part 2

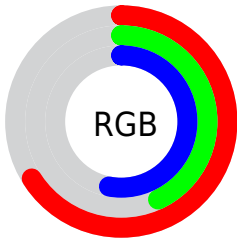
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 168, 109, 136 |
| Decimal | 11038088 |
| CIE _{Lab} | 53.00, 27.45, -5.09 |
| CIE _{LCh} | 53, 27.914, 349.484 |
| Yxy | 21.0462, 0.3566, 0.2879 |
| Android (android.graphics.Color) | 4289228168 (0xFFA86D88) |
| YUV | 129.7190, 3.0965, 33.5724 |
| Hunter-Lab | 45.8761, 21.1463, -1.4730 |

Details

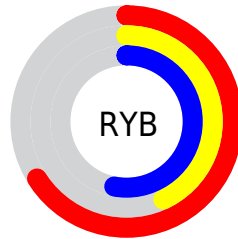
The CIELCh color $53, 27.914, 349.484$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 26.495, 162.627$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 27.970, 349.515$, and $33, 27.998, 350.036$ is the 20% darker color. If you saturate the color by 10%, you get $49, 35.775, 350.830$, and if you desaturate by 10%, it is $57, 19.864, 348.325$.

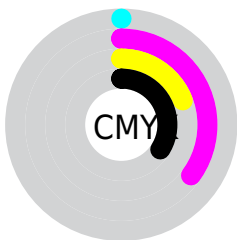
Distribution



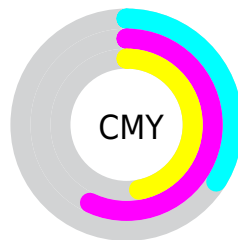
- Red (66%)
- Green (43%)
- Blue (53%)



- Red (66%)
- Yellow (43%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (34%)



- Cyan (34%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 27.914, 349.484 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 53, 27.914, 349.484 by changing the saturation by 10% instead.


 53, 27.914,
349.484

 53, 27.914,
349.484


 100, 27.914,
349.484


 43, 27.914,
349.484


 73, 27.914,
349.484

 33, 27.914,
349.484

 83, 27.914,
349.484

 23, 27.914,
349.484

 93, 27.914,
349.484

 13, 27.914,
349.484

 3, 27.914, 349.484

 0, 27.914, 349.484

53, 27.914,
349.484

53, 27.914,
349.484

49, 35.775,
350.830

57, 19.864,
348.325

45, 43.165,
352.428

62, 11.835,
347.300

42, 49.714,
354.372

66, 3.953, 346.336

39, 55.025,
356.792

71, 3.707, 165.716

37, 58.785,
359.846

76, 11.110,
164.910


36, 60.934, 3.688

81, 18.242,
164.219

36, 61.778, 5.707

86, 25.109,
163.590

90, 31.721,
163.010

 94, 35.201,
164.493

Harmonies

Complementary

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



53, 27.914, 349.484



64, 26.495, 162.627

Rectangle

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



53, 27.914, 349.484



53, 27.914, 39.484



53, 27.914, 169.484



53, 27.914, 219.484

Sweetspot

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



53, 27.912, 349.486



81, 10.647, 346.924



51, 36.200, 311.861



42, 7.155, 347.047



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 27.912, 349.486



64, 41.422, 350.496



53, 24.686, 24.909



33, 4.405, 346.743



31, 56.265, 5.167



2, 7.618, 349.792

Inverse Universe

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



53, 27.912, 349.486



64, 41.422, 350.496



64, 19.322, 201.068



33, 4.405, 346.743



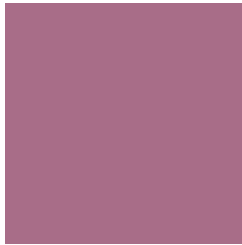
31, 56.265, 5.167



2, 7.618, 349.792

Previews

White Background



This preview shows how the CIELCh color 53, 27.914, 349.484 looks on a white background.

Color Contrast Check

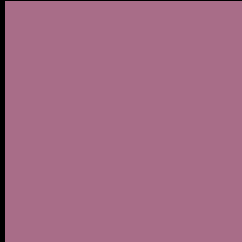
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 27.914, 349.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

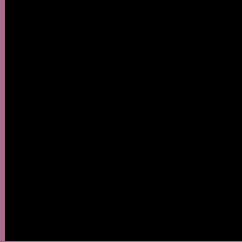
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 27.914, 349.484

Background



This preview shows how black text looks on a background with the CIELCh color 53, 27.914, 349.484.



This preview shows how white text looks on a background with the CIELCh color 53, 27.914, 349.484.

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

53, 27.914, 349.484

Protanopia

53, 12.177, 286.456

Deuteranopia

53, 7.770, 332.186



Tritanopia
53, 22.945, 10.826

Trichromacy



Original Color
53, 27.914, 349.484

Protanomaly
53, 15.259, 320.281

Deuteranomaly
53, 15.096, 343.555

Tritanomaly
53, 24.394, 2.014

Monochromacy



Original Color
53, 27.914, 349.484

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 10.527, 347.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 27.914, 349.484 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(168, 109, 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(168, 109, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 109, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 27.914, 349.484 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, 136) }
```

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

```
.border{ border-color:rgb(168, 109, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 109, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 109, 136);  
box-shadow:4px 4px 4px 4px rgb(168, 109,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 27.914, 349.484 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, 136) }
```

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

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