

Converting Colors

CIELCh(47, 53.267, 350.512)

Have a look what the booklet for
CIELCh(47, 53.267, 350.512)
contains.

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Color

CIELCh(47, 53.267, 350.512)

Conversions

Conversions Part 1

Format	Color
Hex	B94580
RGB	185, 69, 128
RGB Percent	73%, 27%, 50%
CMY	0.2761, 0.7309, 0.4995
CMYK	0.00, 0.63, 0.31, 0.28
HSL	329°, 46%, 50%
HSV	329°, 63%, 72%
XYZ	25.8836, 16.0195, 22.0236
YIQ	110.4100, 50.1970, 42.9410

Conversions

Conversions Part 2

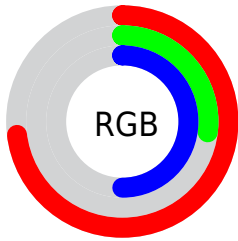
Format	Color
R_{YB}	185, 69, 128
Decimal	12141952
CIE _{Lab}	47.00, 52.54, -8.78
CIE _{LCh}	47, 53.267, 350.512
Yxy	16.0195, 0.4049, 0.2506
Android (android.graphics.Color)	4290332032 (0xFFB94580)
YUV	110.4100, 8.6719, 65.4154
Hunter-Lab	40.0243, 45.3931, -4.6077

Details

The CIELCh color **47, 53.267, 350.512** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **67, 50.693, 156.061**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 53.517, 350.312**, and **27, 53.148, 350.462** is the 20% darker color. If you saturate the color by 10%, you get **44, 59.219, 352.581**, and if you desaturate by 10%, it is **51, 45.951, 348.829**.

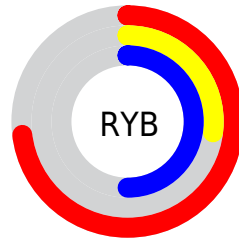
Distribution



Red (73%)

Green (27%)

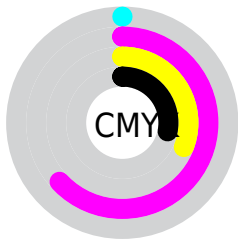
Blue (50%)



Red (73%)

Yellow (27%)

Blue (50%)

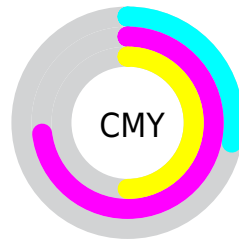


Cyan (0%)

Magenta (63%)

Yellow (31%)

Black (28%)



Cyan (28%)


Magenta (73%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 53.267, 350.512 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 47, 53.267, 350.512 by changing the saturation by 10% instead.


 47, 53.267,
350.512


 47, 53.267,
350.512


 100, 53.267,
350.512


 37, 53.267,
350.512

 67, 53.267,
350.512


 27, 53.267,
350.512

 77, 53.267,
350.512

 17, 53.267,
350.512

 87, 53.267,
350.512

 7, 53.267, 350.512

 97, 53.267,
350.512

 0, 53.267, 350.512

 47, 53.267,

 47, 53.267,

350.512

350.512

■ 44, 59.219,
352.581

■ 51, 45.951,
348.829

■ 42, 63.425,
355.173

■ 55, 37.730,
347.422

■ 40, 65.715,
358.446

■ 59, 29.005,
346.217

■ 40, 66.584, 1.150

■ 64, 20.084,
345.160

■ 69, 11.184,
344.209

■ 74, 2.440, 343.244

■ 79, 6.069, 162.694

■ 84, 14.305,
161.953

 89, 22.253,
161.294

Harmonies

Complementary

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



47, 53.267, 350.512



67, 50.693, 156.061

Rectangle

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



47, 53.267, 350.512



47, 53.267, 40.512



47, 53.267, 170.512



47, 53.267, 220.512

Sweetspot

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



47, 53.264, 350.513



83, 20.612, 344.816



41, 70.184, 311.703



42, 14.210, 345.093



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



47, 53.264, 350.513



56, 74.038, 353.398



46, 52.732, 26.986



36, 4.898, 343.892



33, 58.749, 0.548



3, 12.270, 350.277

Inverse Universe

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



47, 53.264, 350.513



56, 74.038, 353.398



69, 33.522, 194.964



36, 4.898, 343.892



33, 58.749, 0.548



3, 12.270, 350.277

Previews

White Background



This preview shows how the CIELCh color 47, 53.267, 350.512 looks on a white background.

Color Contrast Check

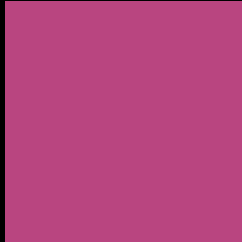
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 53.267, 350.512 looks on a black 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

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

CIELCh 47, 53.267, 350.512

Background



This preview shows how black text looks on a background with the CIELCh color 47, 53.267, 350.512.

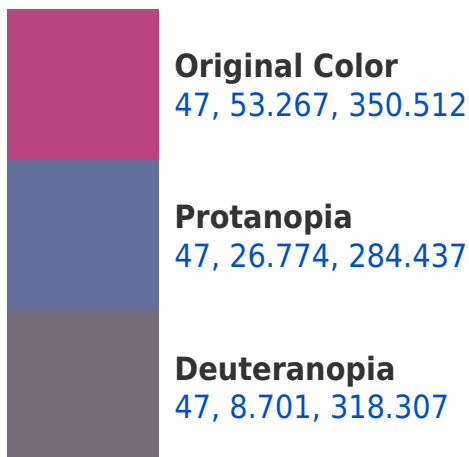


This preview shows how white text looks on a background with the CIELCh color 47, 53.267, 350.512.

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
47, 45.447, 22.949

Trichromacy



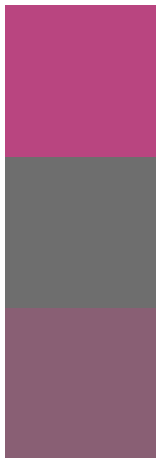
Original Color
47, 53.267, 350.512

Protanomaly
46, 32.130, 315.889

Deuteranomaly
46, 26.225, 340.801

Tritanomaly
47, 46.295, 9.637

Monochromacy



Original Color
47, 53.267, 350.512

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 21.108, 346.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 53.267, 350.512 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(185, 69, 128)` looks like.

```
.text, #text, p{  
  color:rgb(185, 69, 128)  
}
```

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(185, 69, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 69, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 53.267, 350.512 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(185, 69, 128) }
```

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

```
.border{ border-color:rgb(185, 69, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 69, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 69, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 69, 128);  
box-shadow:4px 4px 4px 4px rgb(185, 69,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 53.267, 350.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 69, 128) }
```

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

```
.background{ background-color: rgb(185, 69,  
128) }
```

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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