

Converting Colors

CIELCh(47, 56.871, 355.447)

Have a look what the booklet for
CIELCh(47, 56.871, 355.447)
contains.

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Color

CIELCh(47, 56.889, 355.369)

Conversions

Conversions Part 1

Format	Color
Hex	C03E79
RGB	192, 62, 121
RGB Percent	75%, 24%, 47%
CMY	0.2472, 0.7570, 0.5257
CMYK	0.00, 0.68, 0.37, 0.25
HSL	333°, 51%, 50%
HSV	333°, 68%, 75%
XYZ	26.8944, 16.0195, 19.7501
YIQ	107.5960, 58.5410, 45.9090

Conversions

Conversions Part 2

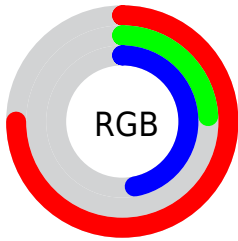
Format	Color
R _{YB}	192, 62, 121
Decimal	12598905
CIE Lab	47.00, 56.70, -4.59
CIE LCh	47, 56.889, 355.369
Yxy	16.0195, 0.4292, 0.2556
Android (android.graphics.Color)	4290788985 (0xFFC03E79)
YUV	107.5960, 6.6082, 74.0223
Hunter-Lab	40.0243, 49.9010, -1.2397

Details

The CIELCh color **47, 56.889, 355.369** is a dark color, and the websafe version is hex **993366**. The color can be described as dark muted rose. A complement of this color would be **70, 52.823, 158.122**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 56.833, 355.519**, and **28, 53.285, 356.733** is the 20% darker color. If you saturate the color by 10%, you get **44, 62.273, 358.030**, and if you desaturate by 10%, it is **50, 49.981, 353.252**.

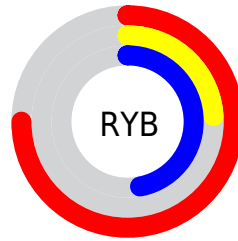
Distribution



Red (75%)

Green (24%)

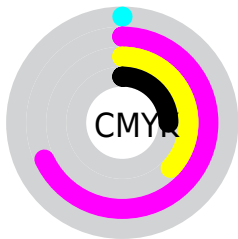
Blue (47%)



Red (75%)

Yellow (24%)

Blue (47%)

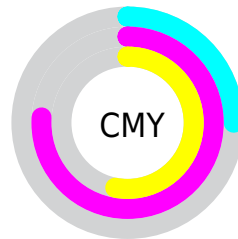


Cyan (0%)

Magenta (68%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (76%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 56.889, 355.369 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, 56.889, 355.369 by changing the saturation by 10% instead.


 47, 56.889,
355.369

 47, 56.889,
355.369


 100, 56.889,
355.369


 37, 56.889,
355.369

 67, 56.889,
355.369


 27, 56.889,
355.369

 77, 56.889,
355.369

 17, 56.889,
355.369

 87, 56.889,
355.369

 7, 56.889, 355.369

 97, 56.889,
355.369

 0, 56.889, 355.369

 47, 56.889,

 47, 56.889,

355.369

355.369

■ 44, 62.273,
358.030

■ 50, 49.981,
353.252

■ 42, 65.857, 1.400

■ 54, 41.994,
351.529

■ 41, 67.785, 5.582

■ 59, 33.360,
350.093

■ 41, 68.183, 6.575

■ 64, 24.437,
348.866

■ 69, 15.481,
347.792

■ 74, 6.661, 346.815

■ 79, 1.927, 166.244

■ 84, 10.230,
165.305

■ 90, 18.230,
164.587

Harmonies

Complementary

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



47, 56.889, 355.369



70, 52.823, 158.122

Rectangle

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



47, 56.889, 355.369



47, 56.889, 45.369



47, 56.889, 175.369



47, 56.889, 225.369

Sweetspot

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



47, 56.886, 355.370



85, 21.706, 348.060



41, 77.646, 313.300



44, 14.847, 348.360



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



47, 56.886, 355.370



56, 78.214, 359.474



46, 58.449, 31.173



38, 4.939, 346.974



34, 59.766, 5.880



3, 15.459, 355.069

Inverse Universe

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



47, 56.886, 355.370



56, 78.214, 359.474



70, 34.446, 200.810



38, 4.939, 346.974



34, 59.766, 5.880



3, 15.459, 355.069

Previews

White Background



This preview shows how the CIELCh color 47, 56.889, 355.369 looks on a white background.

Color Contrast Check

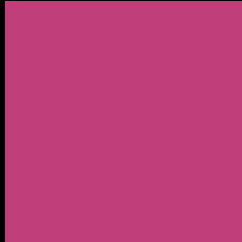
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 56.889, 355.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

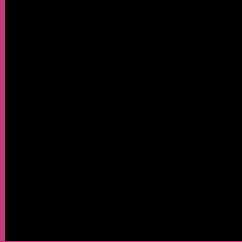
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 56.889, 355.369

Background



This preview shows how black text looks on a background with the CIELCh color 47, 56.889, 355.369.

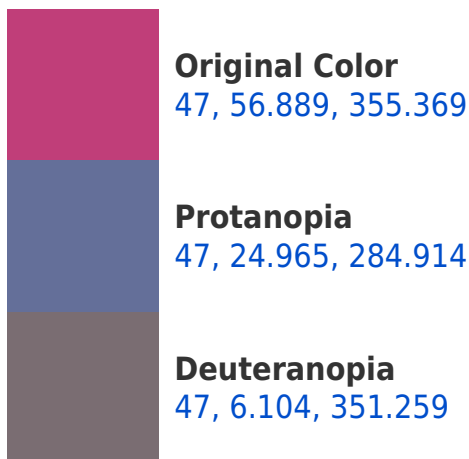


This preview shows how white text looks on a background with the CIELCh color 47, 56.889, 355.369.

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, 52.321, 24.929

Trichromacy



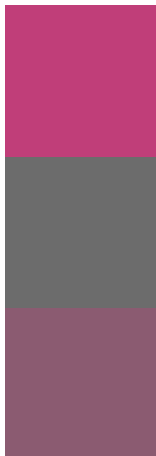
Original Color
47, 56.889, 355.369

Protanomaly
45, 32.174, 321.289

Deuteranomaly
46, 26.629, 349.911

Tritanomaly
47, 52.264, 13.459

Monochromacy



Original Color
47, 56.889, 355.369

Achromatopsia
46, 0.006, 296.813

Achromatomaly
44, 23.516, 349.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 56.889, 355.369 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(192, 62, 121)` looks like.

```
.text, #text, p{  
    color:rgb(192, 62, 121)  
}
```

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(192, 62, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 62, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 56.889, 355.369 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(192, 62, 121) }
```

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

```
.border{ border-color:rgb(192, 62, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 62, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 62, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 62, 121);  
box-shadow:4px 4px 4px 4px rgb(192, 62,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 56.889, 355.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 62, 121) }
```

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

```
.background{ background-color: rgb(192, 62,  
121) }
```

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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