

Converting Colors

CIELCh(47, 54.625, 326.626)

Have a look what the booklet for
CIELCh(47, 54.625, 326.626)
contains.

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Color

CIELCh(47, 54.920, 326.676)

Conversions

Conversions Part 1

Format	Color
Hex	A250A3
RGB	162, 80, 163
RGB Percent	64%, 31%, 64%
CMY	0.3653, 0.6868, 0.3614
CMYK	0.01, 0.51, 0.00, 0.36
HSL	299°, 34%, 48%
HSV	299°, 51%, 64%
XYZ	24.3232, 16.0195, 36.3886
YIQ	113.9800, 22.2290, 43.1970

Conversions

Conversions Part 2

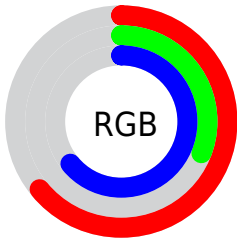
Format	Color
R _Y B	162, 80, 163
Decimal	10637475
CIE Lab	47.00, 45.89, -30.17
CIE LCh	47, 54.920, 326.676
Yxy	16.0195, 0.3170, 0.2088
Android (android.graphics.Color)	4288827555 (0xFFA250A3)
YUV	113.9800, 24.1669, 42.1135
Hunter-Lab	40.0243, 38.4336, -25.8873

Details

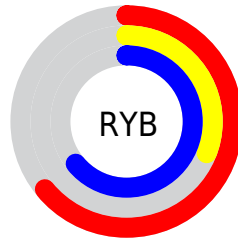
The CIELCh color $47, 54.920, 326.676$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $60, 55.155, 140.114$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 55.174, 326.888$, and $27, 54.992, 326.651$ is the 20% darker color. If you saturate the color by 10%, you get $44, 63.887, 327.062$, and if you desaturate by 10%, it is $50, 44.898, 326.229$.

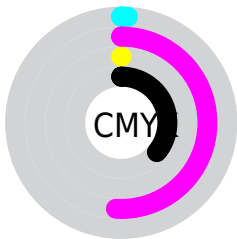
Distribution



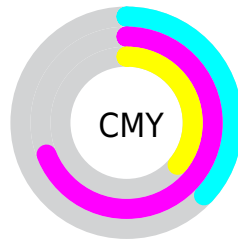
- Red (64%)
- Green (31%)
- Blue (64%)



- Red (64%)
- Yellow (31%)
- Blue (64%)



- Cyan (1%)
- Magenta (51%)
- Yellow (0%)
- Black (36%)



- Cyan (37%)
- Magenta (69%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 54.920, 326.676 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, 54.920, 326.676 by changing the saturation by 10% instead.

 47, 54.920,
326.676

 47, 54.920,
326.676


 100, 54.920,
326.676

 37, 54.920,
326.676

 67, 54.920,
326.676

 27, 54.920,
326.676

 77, 54.920,
326.676

 17, 54.920,
326.676

 87, 54.920,
326.676

 7, 54.920, 326.676

 97, 54.920,
326.676

 0, 54.920, 326.676

 47, 54.920,

 47, 54.920,

326.676

44, 63.887,
327.062

42, 71.389,
327.370

40, 77.061,
327.588

39, 80.706,
327.710

38, 82.669,
327.759

326.676

50, 44.898,
326.229

54, 34.217,
325.738

58, 23.200,
325.219

62, 12.090,
324.682

67, 1.060, 323.965

71, 9.777, 143.675

75, 20.350,
143.161

80, 30.624,
142.675

■ 85, 40.580,
142.216

Harmonies

Complementary

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



47, 54.920, 326.676



60, 55.155, 140.114

Rectangle

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



47, 54.920, 326.676



47, 54.920, 16.676



47, 54.920, 146.676



47, 54.920, 196.676

Sweetspot

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



47, 54.918, 326.676



77, 20.519, 324.916



38, 49.918, 296.895



40, 14.121, 325.024



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



47, 54.918, 326.676



57, 78.810, 327.102



46, 40.350, 348.008



32, 6.244, 324.589



34, 76.059, 327.763



2, 9.654, 324.009

Inverse Universe

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



44, 37.669, 24.280



53, 57.213, 26.945



61, 38.440, 157.527



32, 3.629, 18.922



30, 67.637, 38.785



1, 5.465, 18.491

Previews

White Background



This preview shows how the CIELCh color 47, 54.920, 326.676 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, 54.920, 326.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

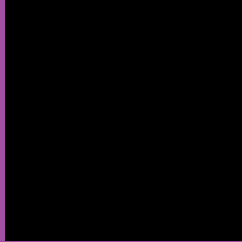
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 54.920, 326.676

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.920, 326.676.

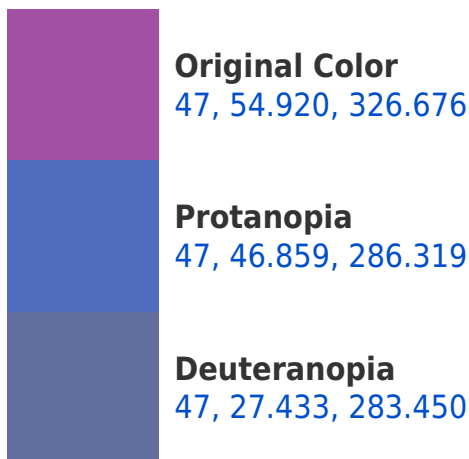


This preview shows how white text looks on a background with the CIELCh color 47, 54.920, 326.676.

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, 25.724, 13.949

Trichromacy



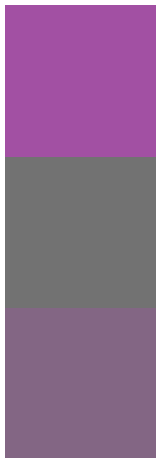
Original Color
47, 54.920, 326.676

Protanomaly
46, 48.262, 300.232

Deuteranomaly
46, 35.806, 305.637

Tritanomaly
47, 33.548, 347.077

Monochromacy



Original Color
47, 54.920, 326.676

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 21.060, 324.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.920, 326.676 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(162, 80, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 80, 163)  
}
```

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(162, 80, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 80, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.920, 326.676 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(162, 80, 163) }
```

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

```
.border{ border-color:rgb(162, 80, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 80, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 80, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 80, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 80,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.920, 326.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 80, 163) }
```

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

```
.background{ background-color: rgb(162, 80,  
163) }
```

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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