

Converting Colors

CIELCh(43, 57.129, 320.532)

Have a look what the booklet for
CIELCh(43, 57.129, 320.532)
contains.

CIELCh(43, 56.752, 320.628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 56.752, 320.628)

Conversions

Conversions Part 1

Format	Color
Hex	8F49A2
RGB	143, 73, 162
RGB Percent	56%, 29%, 64%
CMY	0.4401, 0.7145, 0.3656
CMYK	0.12, 0.55, 0.00, 0.37
HSL	287°, 38%, 46%
HSV	287°, 55%, 63%
XYZ	20.1592, 13.1578, 35.5556
YIQ	104.0760, 13.1510, 42.5190

Conversions

Conversions Part 2

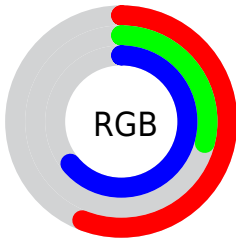
Format	Color
R_{YB}	143, 73, 162
Decimal	9390498
CIE _{Lab}	43.00, 43.87, -36.00
CIE _{LCh}	43, 56.752, 320.628
Yxy	13.1578, 0.2927, 0.1910
Android (android.graphics.Color)	4287580578 (0xFF8F49A2)
YUV	104.0760, 28.5565, 34.1363
Hunter-Lab	36.2736, 35.7231, -32.7248

Details

The CIELCh color $43, 56.752, 320.628$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $60, 55.515, 135.290$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 56.410, 320.788$, and $23, 56.832, 320.578$ is the 20% darker color. If you saturate the color by 10%, you get $40, 65.655, 320.857$, and if you desaturate by 10%, it is $47, 46.947, 320.299$.

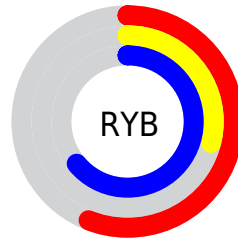
Distribution



Red (56%)

Green (29%)

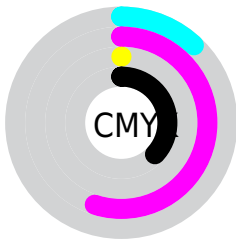
Blue (64%)



Red (56%)

Yellow (29%)

Blue (64%)

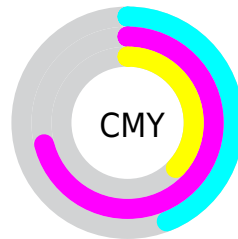


Cyan (12%)

Magenta (55%)

Yellow (0%)

Black (37%)



Cyan (44%)


Magenta (71%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 56.752, 320.628 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 43, 56.752, 320.628 by changing the saturation by 10% instead.


 43, 56.752,
320.628


 43, 56.752,
320.628


 100, 56.752,
320.628

 33, 56.752,
320.628

 63, 56.752,
320.628

 23, 56.752,
320.628

 73, 56.752,
320.628

 13, 56.752,
320.628

 83, 56.752,
320.628

 3, 56.752, 320.628

 93, 56.752,
320.628

 0, 56.752, 320.628

 43, 56.752,

 43, 56.752,

320.628

40, 65.655,
320.857

37, 73.195,
320.941

34, 78.911,
320.836

33, 82.516,
320.505

32, 83.937,
320.306

320.628

47, 46.947,
320.299

51, 36.634,
319.907

55, 26.106,
319.481

60, 15.566,
319.040

64, 5.148, 318.584

69, 5.066, 138.234

74, 15.030,
137.814

78, 24.721,
137.437

■ 83, 34.131,
137.090

Harmonies

Complementary

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



43, 56.752, 320.628



60, 55.515, 135.290

Rectangle

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



43, 56.752, 320.628



43, 56.752, 10.628



43, 56.752, 140.628



43, 56.752, 190.628

Sweetspot

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



43, 56.750, 320.628



74, 21.772, 319.142



41, 42.355, 288.839



38, 14.552, 319.224



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 56.750, 320.628



50, 81.627, 320.889



45, 48.435, 337.786



32, 5.882, 318.784



29, 77.579, 320.372



1, 8.956, 316.879

Inverse Universe

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



43, 39.357, 10.103



51, 57.891, 13.479



60, 48.313, 148.402



32, 3.772, 3.010



30, 60.035, 27.253



1, 5.696, 3.749

Previews

White Background



This preview shows how the CIELCh color 43, 56.752, 320.628 looks on a white background.

Color Contrast Check

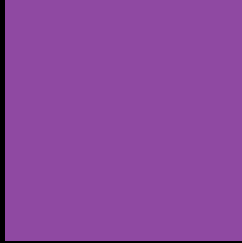
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 56.752, 320.628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

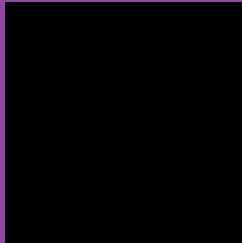
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 56.752, 320.628

Background



This preview shows how black text looks on a background with the CIELCh color 43, 56.752, 320.628.

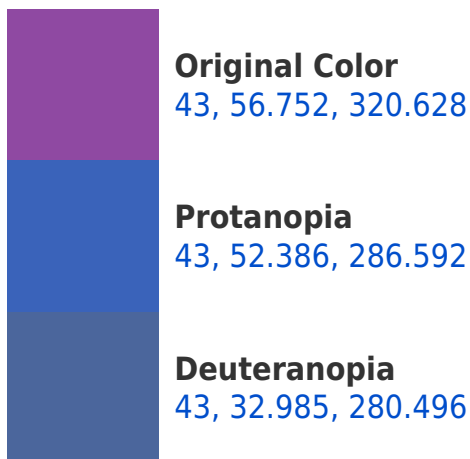


This preview shows how white text looks on a background with the CIELCh color 43, 56.752, 320.628.

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
43, 19.451, 9.946

Trichromacy



Original Color
43, 56.752, 320.628

Protanomaly
42, 52.985, 297.300

Deuteranomaly
42, 40.600, 299.747

Tritanomaly
43, 30.194, 337.149

Monochromacy



Original Color
43, 56.752, 320.628

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 21.617, 319.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 56.752, 320.628 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(143, 73, 162)` looks like.

```
.text, #text, p{  
    color:rgb(143, 73, 162)  
}
```

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(143, 73, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 73, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 56.752, 320.628 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(143, 73, 162) }
```

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

```
.border{ border-color:rgb(143, 73, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 73, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 73, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 73, 162);  
box-shadow:4px 4px 4px 4px rgb(143, 73,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 56.752, 320.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 73, 162) }
```

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

```
.background{ background-color: rgb(143, 73,  
162) }
```

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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