

Converting Colors

CIELCh(43, 53.476, 316.813)

Have a look what the booklet for
CIELCh(43, 53.476, 316.813)
contains.

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Color

CIELCh(43, 53.524, 316.574)

Conversions

Conversions Part 1

Format	Color
Hex	864EA3
RGB	134, 78, 163
RGB Percent	53%, 31%, 64%
CMY	0.4746, 0.6942, 0.3608
CMYK	0.18, 0.52, 0.00, 0.36
HSL	280°, 35%, 47%
HSV	280°, 52%, 64%
XYZ	19.1621, 13.1578, 36.1729
YIQ	104.4340, 6.0910, 38.3070

Conversions

Conversions Part 2

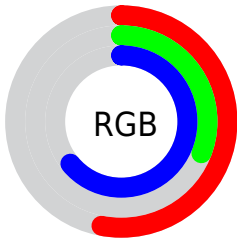
Format	Color
RYB	134, 78, 163
Decimal	8801955
CIELab	43.00, 38.87, -36.79
CIElCh	43, 53.524, 316.574
Yxy	13.1578, 0.2798, 0.1921
Android (android.graphics.Color)	4286992035 (0xFF864EA3)
YUV	104.4340, 28.8730, 25.9294
Hunter-Lab	36.2736, 30.8167, -33.7338

Details

The CIELCh color $43, 53.524, 316.574$ is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be $62, 51.197, 131.921$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 53.344, 316.661$, and $23, 53.718, 316.633$ is the 20% darker color. If you saturate the color by 10%, you get $39, 63.107, 316.865$, and if you desaturate by 10%, it is $47, 43.363, 316.197$.

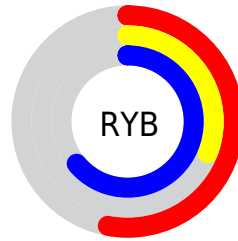
Distribution



Red (53%)

Green (31%)

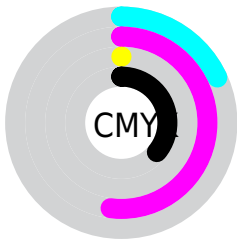
Blue (64%)



Red (53%)

Yellow (31%)

Blue (64%)

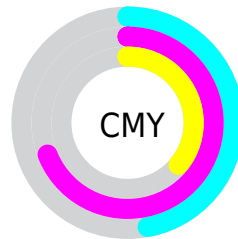


Cyan (18%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (47%)


Magenta (69%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.524, 316.574 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, 53.524, 316.574 by changing the saturation by 10% instead.


 43, 53.524,
316.574


 43, 53.524,
316.574


 100, 53.524,
316.574


 33, 53.524,
316.574

 63, 53.524,
316.574


 23, 53.524,
316.574

 73, 53.524,
316.574

 13, 53.524,
316.574

 83, 53.524,
316.574

 3, 53.524, 316.574

 93, 53.524,
316.574

 0, 53.524, 316.574

 43, 53.524,

 43, 53.524,

316.574

39, 63.107,
316.865

36, 71.663,
317.012

33, 78.647,
316.948

30, 83.554,
316.602

29, 86.293,
316.193

316.574

47, 43.363,
316.197

52, 32.961,
315.775

56, 22.540,
315.337

61, 12.241,
314.902

66, 2.146, 314.435

71, 7.698, 134.136

76, 17.271,
133.770

80, 26.566,
133.443

■ 85, 35.588,
133.148

Harmonies

Complementary

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



43, 53.524, 316.574



62, 51.197, 131.921

Rectangle

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



43, 53.524, 316.574



43, 53.524, 6.574



43, 53.524, 136.574



43, 53.524, 186.574

Sweetspot

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



43, 53.523, 316.574



75, 20.028, 315.082



46, 33.563, 279.337



39, 13.656, 315.167



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 53.523, 316.574



50, 78.861, 316.908



46, 50.840, 332.020



32, 5.687, 314.778



25, 79.294, 316.290



1, 8.640, 312.521

Inverse Universe

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



45, 38.320, 359.924



53, 56.308, 2.662



60, 51.135, 144.328



32, 4.003, 353.963



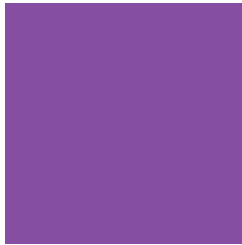
30, 56.445, 16.139



1, 6.020, 355.332

Previews

White Background



This preview shows how the CIELCh color 43, 53.524, 316.574 looks on a white background.

Color Contrast Check

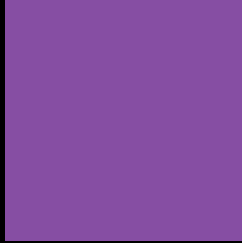
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.524, 316.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

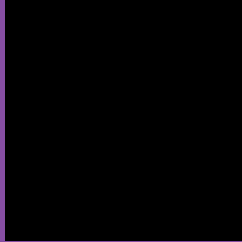
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.524, 316.574

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.524, 316.574.



This preview shows how white text looks on a background with the CIELCh color 43, 53.524, 316.574.

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

43, 53.524, 316.574

Protanopia

43, 50.580, 286.690

Deuteranopia

43, 34.217, 280.417



Tritanopia
43, 13.413, 3.174

Trichromacy



Original Color
43, 53.524, 316.574

Protanomaly
42, 51.106, 296.120

Deuteranomaly
42, 40.408, 296.599

Tritanomaly
43, 26.599, 329.018

Monochromacy



Original Color
43, 53.524, 316.574

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.714, 315.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.524, 316.574 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(134, 78, 163)` looks like.

```
.text, #text, p{  
    color:rgb(134, 78, 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(134, 78, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 78, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.524, 316.574 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(134, 78, 163) }
```

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

```
.border{ border-color:rgb(134, 78, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 78, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 78, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 78, 163); box-shadow:4px 4px 4px 4px rgb(134, 78, 163) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.524, 316.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 78, 163) }
```

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

```
.background{ background-color: rgb(134, 78,  
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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