

Converting Colors

CIELCh(54, 44.162, 325.889)

Have a look what the booklet for
CIELCh(54, 44.162, 325.889)
contains.

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Color

CIELCh(54, 44.065, 326.025)

Conversions

Conversions Part 1

Format	Color
Hex	AB6AAC
RGB	171, 106, 172
RGB Percent	67%, 42%, 67%
CMY	0.3291, 0.5840, 0.3251
CMYK	0.01, 0.38, 0.00, 0.33
HSL	299°, 28%, 55%
HSV	299°, 38%, 67%
XYZ	29.4310, 21.9746, 41.7635
YIQ	132.9590, 17.5540, 34.3060

Conversions

Conversions Part 2

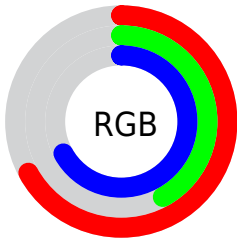
Format	Color
R _Y B	171, 106, 172
Decimal	11233964
CIE Lab	54.00, 36.54, -24.62
CIE LCh	54, 44.065, 326.025
Yxy	21.9746, 0.3159, 0.2359
Android (android.graphics.Color)	4289424044 (0xFFAB6AAC)
YUV	132.9590, 19.2472, 33.3620
Hunter-Lab	46.8770, 30.0336, -20.0086

Details

The CIELCh color $54, 44.065, 326.025$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 44.083, 141.287$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 43.951, 325.670$, and $34, 43.933, 326.103$ is the 20% darker color. If you saturate the color by 10%, you get $50, 54.747, 326.484$, and if you desaturate by 10%, it is $58, 32.780, 325.526$.

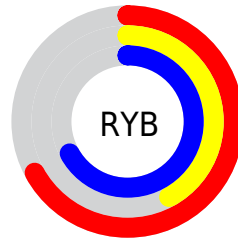
Distribution



Red (67%)

Green (42%)

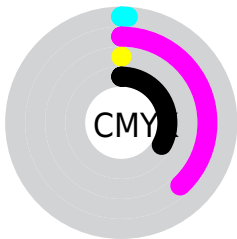
Blue (67%)



Red (67%)

Yellow (42%)

Blue (67%)

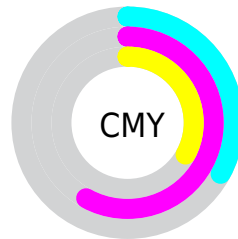


Cyan (1%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 44.065, 326.025 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 54, 44.065, 326.025 by changing the saturation by 10% instead.

 54, 44.065,
326.025

 54, 44.065,
326.025


 100, 44.065,
326.025

 44, 44.065,
326.025


 74, 44.065,
326.025

 34, 44.065,
326.025

 84, 44.065,
326.025

 24, 44.065,
326.025

 94, 44.065,
326.025

 14, 44.065,
326.025

 4, 44.065, 326.025

 0, 44.065, 326.025

54, 44.065,
326.025

54, 44.065,
326.025

50, 54.747,
326.484

58, 32.780,
325.526

47, 64.434,
326.885

62, 21.219,
325.001

45, 72.686,
327.211

67, 9.614, 324.459

43, 79.096,
327.446

71, 1.869, 144.077

41, 83.402,
327.583

76, 13.126,
143.457


40, 85.779,
327.633

81, 24.095,
142.952

40, 86.118,
327.639

85, 34.741,
142.474

90, 45.054,
142.022

 93, 51.596,
141.717

Harmonies

Complementary

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



54, 44.065, 326.025



65, 44.083, 141.287

Rectangle

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



54, 44.065, 326.025



54, 44.065, 16.025



54, 44.065, 146.025



54, 44.065, 196.025

Sweetspot

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



54, 44.063, 326.025



83, 17.175, 324.671



48, 38.300, 294.545



43, 11.385, 324.739



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 44.063, 326.025



66, 64.816, 326.417



53, 32.133, 346.392



34, 6.559, 324.512



35, 78.010, 327.645



2, 13.757, 323.844

Inverse Universe

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



52, 28.558, 21.849



63, 43.623, 23.285



65, 30.833, 159.113



34, 3.817, 18.685



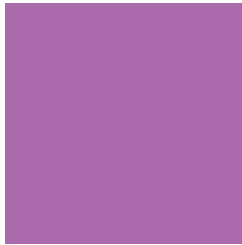
31, 69.428, 38.845



2, 7.805, 18.378

Previews

White Background



This preview shows how the CIELCh color 54, 44.065, 326.025 looks on a white background.

Color Contrast Check

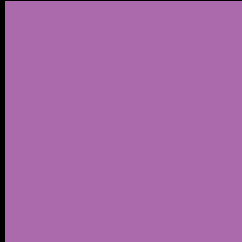
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 44.065, 326.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

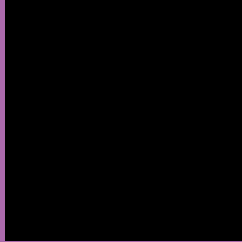
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 44.065, 326.025

Background



This preview shows how black text looks on a background with the CIELCh color 54, 44.065, 326.025.

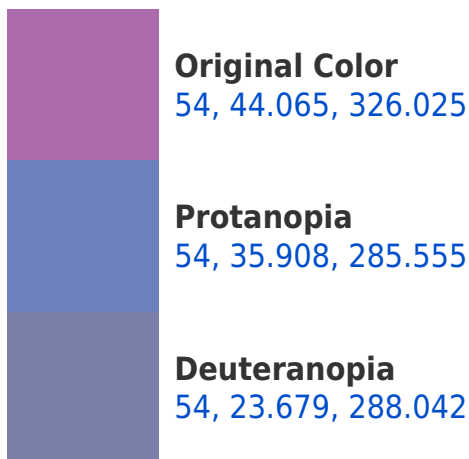


This preview shows how white text looks on a background with the CIELCh color 54, 44.065, 326.025.

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
54, 20.811, 7.708

Trichromacy



Original Color
54, 44.065, 326.025

Protanomaly
54, 37.358, 301.068

Deuteranomaly
54, 29.886, 307.142

Tritanomaly
54, 27.421, 344.174

Monochromacy



Original Color
54, 44.065, 326.025

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 16.661, 325.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 44.065, 326.025 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(171, 106, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 106, 172)  
}
```

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(171, 106, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 106, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 44.065, 326.025 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(171, 106, 172) }
```

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

```
.border{ border-color:rgb(171, 106, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 106, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 106, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 106, 172); box-shadow:4px 4px 4px 4px rgb(171, 106, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 44.065, 326.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 106, 172) }
```

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

```
.background{ background-color: rgb(171,  
106, 172) }
```

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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