

Converting Colors

CIELCh(46, 34.564, 326.066)

Have a look what the booklet for
CIELCh(46, 34.564, 326.066)
contains.

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Color

CIELCh(46, 34.646, 325.703)

Conversions

Conversions Part 1

Format	Color
Hex	8D5C8E
RGB	141, 92, 142
RGB Percent	55%, 36%, 56%
CMY	0.4471, 0.6392, 0.4432
CMYK	0.01, 0.35, 0.00, 0.44
HSL	299°, 21%, 46%
HSV	299°, 35%, 56%
XYZ	19.6926, 15.2687, 27.4984
YIQ	112.3510, 13.1540, 25.9380

Conversions

Conversions Part 2

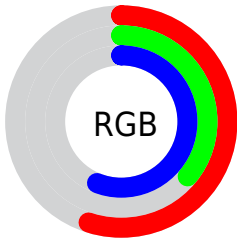
Format	Color
R_{YB}	141, 92, 142
Decimal	9264270
CIE _{Lab}	46.00, 28.62, -19.52
CIE _{LCh}	46, 34.646, 325.703
Yxy	15.2687, 0.3153, 0.2445
Android (android.graphics.Color)	4287454350 (0xFF8D5C8E)
YUV	112.3510, 14.6170, 25.1252
Hunter-Lab	39.0751, 21.5765, -14.3716

Details

The CIELCh color $46, 34.646, 325.703$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 34.628, 141.513$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $66, 34.730, 325.364$, and $26, 35.124, 325.712$ is the 20% darker color. If you saturate the color by 10%, you get $43, 44.004, 326.168$, and if you desaturate by 10%, it is $49, 24.894, 325.204$.

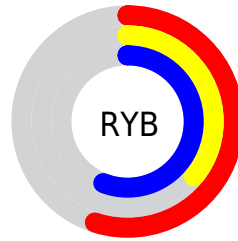
Distribution



Red (55%)

Green (36%)

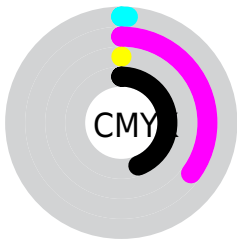
Blue (56%)



Red (55%)

Yellow (36%)

Blue (56%)

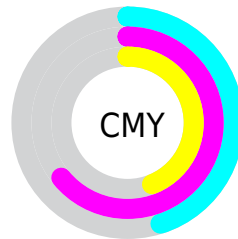


Cyan (1%)

Magenta (35%)

Yellow (0%)

Black (44%)



Cyan (45%)


Magenta (64%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 34.646, 325.703 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 46, 34.646, 325.703 by changing the saturation by 10% instead.

 46, 34.646,
325.703


 46, 34.646,
325.703


 100, 34.646,
325.703

 36, 34.646,
325.703

 66, 34.646,
325.703


 26, 34.646,
325.703

 76, 34.646,
325.703

 16, 34.646,
325.703


 86, 34.646,
325.703

 6, 34.646, 325.703

 96, 34.646,
325.703

 0, 34.646, 325.703

 46, 34.646,

 46, 34.646,

325.703

43, 44.004,
326.168

40, 52.667,
326.584

37, 60.278,
326.932

35, 66.477,
327.196

34, 70.980,
327.365

33, 73.725,
327.438

33, 74.802,
327.460

325.703

49, 24.894,
325.204

53, 14.991,
324.685

57, 5.108, 324.141

61, 4.640, 143.710

65, 14.177,
143.182

69, 23.462,
142.696

73, 32.472,
142.236

77, 41.203,
141.802

■ 81, 49.656,
141.394

Harmonies

Complementary

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



46, 34.646, 325.703



54, 34.628, 141.513

Rectangle

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



46, 34.646, 325.703



46, 34.646, 15.703



46, 34.646, 145.703



46, 34.646, 195.703

Sweetspot

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



46, 34.644, 325.703



69, 13.346, 324.474



41, 29.281, 293.274



35, 8.941, 324.536



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



46, 34.644, 325.703



56, 50.582, 326.064



45, 25.486, 345.031



28, 5.574, 324.364



31, 72.165, 327.464



1, 3.743, 323.907

Inverse Universe

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



45, 22.115, 20.946



54, 33.333, 22.103



55, 24.617, 158.708



28, 3.245, 18.268



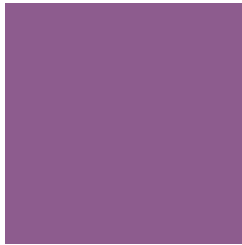
27, 63.492, 38.009



0, 2.123, 17.741

Previews

White Background



This preview shows how the CIELCh color 46, 34.646, 325.703 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 46, 34.646, 325.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

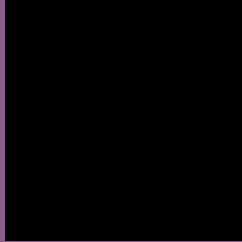
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 34.646, 325.703

Background



This preview shows how black text looks on a background with the CIELCh color 46, 34.646, 325.703.



This preview shows how white text looks on a background with the CIELCh color 46, 34.646, 325.703.

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


46, 34.646, 325.703

Protanopia

46, 27.474, 284.874

Deuteranopia

46, 19.036, 289.514



Tritanopia
46, 16.296, 4.856

Trichromacy



Original Color
46, 34.646, 325.703

Protanomaly
46, 28.888, 300.884

Deuteranomaly
46, 23.397, 306.782

Tritanomaly
46, 22.040, 342.496

Monochromacy



Original Color
46, 34.646, 325.703

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 12.897, 325.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 34.646, 325.703 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(141, 92, 142)` looks like.

```
.text, #text, p{  
    color:rgb(141, 92, 142)  
}
```

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(141, 92, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 92, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 34.646, 325.703 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(141, 92, 142) }
```

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

```
.border{ border-color:rgb(141, 92, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 92, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 92, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 92, 142);  
box-shadow:4px 4px 4px 4px rgb(141, 92,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 34.646, 325.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 92, 142) }
```

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

```
.background{ background-color: rgb(141, 92,  
142) }
```

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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