

Converting Colors

CIELCh(46, 33.962, 324.686)

Have a look what the booklet for
CIELCh(46, 33.962, 324.686)
contains.

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Color

CIELCh(46, 33.624, 324.466)

Conversions

Conversions Part 1

Format	Color
Hex	8B5D8E
RGB	139, 93, 142
RGB Percent	55%, 36%, 56%
CMY	0.4549, 0.6353, 0.4432
CMYK	0.02, 0.35, 0.00, 0.44
HSL	296°, 21%, 46%
HSV	296°, 35%, 56%
XYZ	19.4421, 15.2687, 27.5110
YIQ	112.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

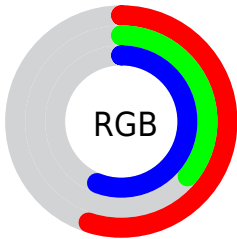
Format	Color
R_{YB}	139, 93, 142
Decimal	9133454
CIE _{Lab}	46.00, 27.36, -19.54
CIE _{LCh}	46, 33.624, 324.466
Yxy	15.2687, 0.3125, 0.2454
Android (android.graphics.Color)	4287323534 (0xFF8B5D8E)
YUV	112.3400, 14.6224, 23.3808
Hunter-Lab	39.0751, 20.4323, -14.3908

Details

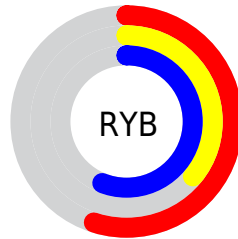
The CIELCh color **46, 33.624, 324.466** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **55, 33.510, 140.598**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 33.721, 324.223**, and **26, 34.179, 324.357** is the 20% darker color. If you saturate the color by 10%, you get **43, 42.992, 324.909**, and if you desaturate by 10%, it is **50, 23.924, 323.990**.

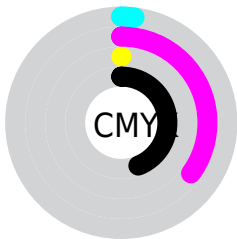
Distribution



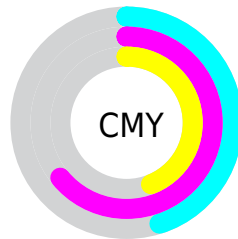
- Red (55%)
- Green (36%)
- Blue (56%)



- Red (55%)
- Yellow (36%)
- Blue (56%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)




- Cyan (45%)
- Magenta (64%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 33.624, 324.466 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, 33.624, 324.466 by changing the saturation by 10% instead.

 46, 33.624,
324.466


 46, 33.624,
324.466

 100, 33.624,
324.466


 36, 33.624,
324.466

 66, 33.624,
324.466


 26, 33.624,
324.466

 76, 33.624,
324.466

 16, 33.624,
324.466

 86, 33.624,
324.466

 6, 33.624, 324.466

 96, 33.624,
324.466

 0, 33.624, 324.466

 46, 33.624,

 46, 33.624,

324.466

■ 43, 42.992,
324.909

■ 40, 51.741,
325.299

■ 37, 59.519,
325.614

■ 35, 65.951,
325.833

■ 33, 70.719,
325.937

■ 32, 73.686,
325.917

■ 32, 74.987,
325.887

324.466

■ 50, 23.924,
323.990

■ 53, 14.118,
323.494

■ 57, 4.360, 322.970

■ 61, 5.247, 142.564

■ 65, 14.640,
142.070

■ 69, 23.782,
141.615

■ 73, 32.656,
141.186

■ 78, 41.260,
140.783

■ 82, 49.596,
140.406

Harmonies

Complementary

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



46, 33.624, 324.466



55, 33.510, 140.598

Rectangle

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



46, 33.624, 324.466



46, 33.624, 14.466



46, 33.624, 144.466



46, 33.624, 194.466

Sweetspot

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



46, 33.622, 324.466



70, 11.974, 323.276



42, 27.609, 291.800



36, 8.146, 323.338



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, 33.622, 324.466



56, 48.994, 324.796



46, 25.500, 343.154



28, 5.503, 323.223



30, 72.342, 325.897



1, 3.694, 322.789

Inverse Universe

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



45, 21.509, 17.716



54, 32.186, 18.855



55, 24.792, 157.180



28, 3.252, 14.929



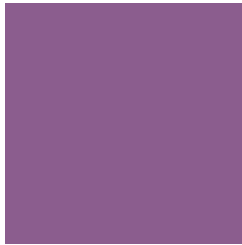
27, 62.212, 36.330



0, 2.132, 14.323

Previews

White Background



This preview shows how the CIELCh color 46, 33.624, 324.466 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, 33.624, 324.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

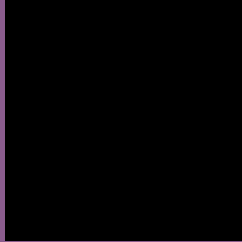
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 33.624, 324.466

Background



This preview shows how black text looks on a background with the CIELCh color 46, 33.624, 324.466.



This preview shows how white text looks on a background with the CIELCh color 46, 33.624, 324.466.

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, 33.624, 324.466

Protanopia

46, 26.895, 284.567

Deuteranopia

46, 19.036, 289.514



Tritanopia
46, 15.041, 3.200

Trichromacy



Original Color
46, 33.624, 324.466

Protanomaly
46, 27.601, 299.621

Deuteranomaly
46, 23.397, 306.782

Tritanomaly
46, 20.760, 341.394

Monochromacy



Original Color
46, 33.624, 324.466

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 12.682, 323.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 33.624, 324.466 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(139, 93, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 93, 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(139, 93, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 93, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 33.624, 324.466 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(139, 93, 142) }
```

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

```
.border{ border-color:rgb(139, 93, 142) }
```

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

Here you see how a box with a 4 pixel rgb(139, 93, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 93, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 93, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 93,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 33.624, 324.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 93, 142) }
```

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

```
.background{ background-color: rgb(139, 93,  
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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