

Converting Colors

CIELCh(45, 72.373, 314.888)

Have a look what the booklet for
CIELCh(45, 72.373, 314.888)
contains.

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Color

CIELCh(45, 72.186, 314.856)

Conversions

Conversions Part 1

Format	Color
Hex	9049C1
RGB	144, 73, 193
RGB Percent	56%, 29%, 76%
CMY	0.4353, 0.7138, 0.2432
CMYK	0.25, 0.62, 0.00, 0.24
HSL	276°, 49%, 52%
HSV	276°, 62%, 76%
XYZ	23.5059, 14.5417, 52.0130
YIQ	107.9090, 3.7960, 52.3720

Conversions

Conversions Part 2

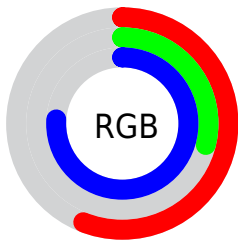
Format	Color
R_{YB}	144, 73, 193
Decimal	9456065
CIE _{Lab}	45.00, 50.91, -51.17
CIE _{LCh}	45, 72.186, 314.856
Yxy	14.5417, 0.2610, 0.1615
Android (android.graphics.Color)	4287646145 (0xFF9049C1)
YUV	107.9090, 41.9499, 31.6518
Hunter-Lab	38.1336, 43.2954, -54.1761

Details

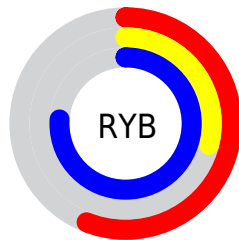
The CIELCh color **45, 72.186, 314.856** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **71, 67.378, 129.451**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 72.310, 314.968**, and **25, 72.484, 314.800** is the 20% darker color. If you saturate the color by 10%, you get **41, 82.220, 315.045**, and if you desaturate by 10%, it is **50, 61.038, 314.517**.

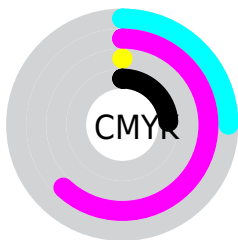
Distribution



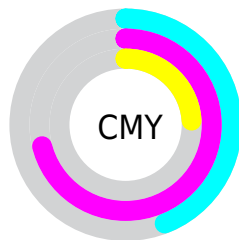
- Red (56%)
- Green (29%)
- Blue (76%)



- Red (56%)
- Yellow (29%)
- Blue (76%)



- Cyan (25%)
- Magenta (62%)
- Yellow (0%)
- Black (24%)




- Cyan (44%)
- Magenta (71%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 72.186, 314.856 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 45, 72.186, 314.856 by changing the saturation by 10% instead.

 45, 72.186,
314.856


 45, 72.186,
314.856


 100, 72.186,
314.856


 35, 72.186,
314.856

 65, 72.186,
314.856


 25, 72.186,
314.856

 75, 72.186,
314.856

 15, 72.186,
314.856

 85, 72.186,
314.856

 5, 72.186, 314.856

 95, 72.186,
314.856

 0, 72.186, 314.856

 45, 72.186,

 45, 72.186,

314.856

41, 82.220,
315.045

37, 90.461,
314.998

34, 96.241,
314.627

33, 99.246,
314.149

314.856

50, 61.038,
314.517

55, 49.320,
314.093

60, 37.407,
313.631

66, 25.541,
313.164

71, 13.863,
312.708

77, 2.454, 312.236

82, 8.646, 131.921

88, 19.422,
131.556

■ 94, 29.874,
131.234

Harmonies

Complementary

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



45, 72.186, 314.856



71, 67.378, 129.451

Rectangle

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



45, 72.186, 314.856



45, 72.186, 4.856



45, 72.186, 134.856



45, 72.186, 184.856

Sweetspot

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



45, 72.185, 314.856



85, 26.904, 313.031



51, 41.964, 276.933



43, 18.571, 313.164



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



45, 72.185, 314.856



51, 104.164, 315.060



51, 70.383, 330.227



38, 6.453, 312.583



27, 86.536, 314.299



2, 20.590, 308.751

Inverse Universe

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



49, 52.588, 357.375



58, 74.245, 1.159



70, 71.567, 141.075



38, 4.800, 349.693



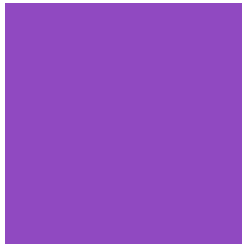
34, 59.902, 10.260



3, 15.150, 357.692

Previews

White Background



This preview shows how the CIELCh color 45, 72.186, 314.856 looks on a white background.

Color Contrast Check

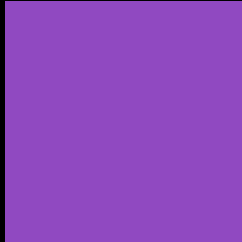
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 72.186, 314.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

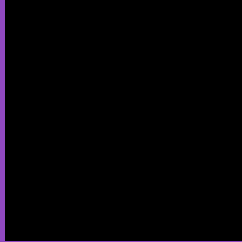
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 72.186, 314.856

Background



This preview shows how black text looks on a background with the CIELCh color 45, 72.186, 314.856.

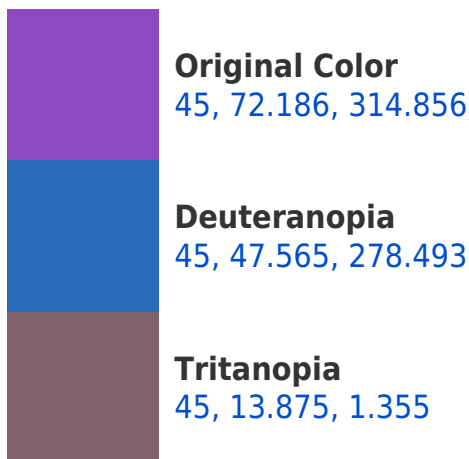


This preview shows how white text looks on a background with the CIELCh color 45, 72.186, 314.856.

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



Trichromacy



Original Color
45, 72.186, 314.856

Deuteranomaly
44, 56.151, 293.407

Tritanomaly
44, 33.618, 323.905

Monochromacy



Original Color
45, 72.186, 314.856

Achromatopsia
46, 0.006, 296.813

Achromatomaly
44, 28.121, 313.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 72.186, 314.856 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(144, 73, 193)` looks like.

```
.text, #text, p{  
    color:rgb(144, 73, 193)  
}
```

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(144, 73, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 73, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 72.186, 314.856 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(144, 73, 193) }
```

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

```
.border{ border-color:rgb(144, 73, 193) }
```

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

Here you see how a box with a 4 pixel rgb(144, 73, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 73, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 73, 193);  
box-shadow:4px 4px 4px 4px rgb(144, 73,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 72.186, 314.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 73, 193) }
```

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

```
.background{ background-color: rgb(144, 73,  
193) }
```

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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