

Converting Colors

CIELCh(50, 24.916, 331.576)

Have a look what the booklet for
CIELCh(50, 24.916, 331.576)
contains.

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Color

CIELCh(50, 24.923, 332.081)

Conversions

Conversions Part 1

Format	Color
Hex	936A8B
RGB	147, 106, 139
RGB Percent	58%, 42%, 55%
CMY	0.4230, 0.5838, 0.4544
CMYK	0.00, 0.28, 0.05, 0.42
HSL	312°, 16%, 50%
HSV	312°, 28%, 58%
XYZ	21.8948, 18.4187, 26.8790
YIQ	122.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

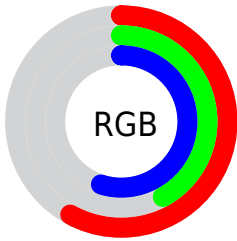
Format	Color
R_{YB}	147, 106, 139
Decimal	9661067
CIE _{Lab}	50.00, 22.02, -11.67
CIE _{LCh}	50, 24.923, 332.081
Yxy	18.4187, 0.3259, 0.2741
Android (android.graphics.Color)	4287851147 (0xFF936A8B)
YUV	122.0210, 8.3706, 21.9066
Hunter-Lab	42.9170, 15.9601, -7.0916

Details

The CIELCh color $50, 24.923, 332.081$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 24.818, 148.353$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 24.823, 331.368$, and $30, 24.994, 332.334$ is the 20% darker color. If you saturate the color by 10%, you get $46, 33.701, 332.744$, and if you desaturate by 10%, it is $54, 15.958, 331.436$.

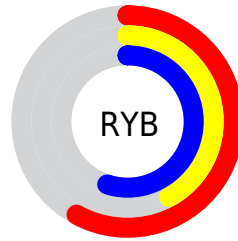
Distribution



Red (58%)

Green (42%)

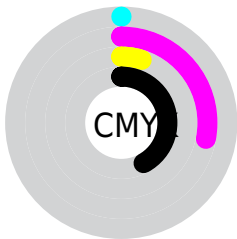
Blue (55%)



Red (58%)

Yellow (42%)

Blue (55%)

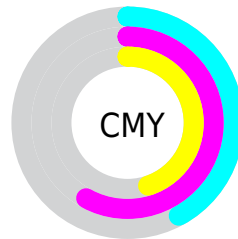


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (42%)



Cyan (42%)


Magenta (58%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 24.923, 332.081 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 50, 24.923, 332.081 by changing the saturation by 10% instead.


 50, 24.923,
332.081


 50, 24.923,
332.081


 100, 24.923,
332.081


 40, 24.923,
332.081


 70, 24.923,
332.081

 30, 24.923,
332.081


 80, 24.923,
332.081


 20, 24.923,
332.081

 90, 24.923,
332.081

 10, 24.923,
332.081

 0, 24.923, 332.081

 50, 24.923,
332.081

 50, 24.923,
332.081

46, 33.701,
332.744

54, 15.958,
331.436

43, 42.050,
333.426

58, 6.989, 330.797

40, 49.646,
334.131

62, 1.868, 150.368

38, 56.114,
334.866

66, 10.540,
149.690

36, 61.080,
335.649

70, 18.985,
149.136

34, 64.265,
336.505

74, 27.186,
148.615

33, 65.804,
337.452

79, 35.137,
148.122

33, 66.089,
337.655

83, 42.844,
147.658

87, 50.316,
147.220

Harmonies

Complementary

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



50, 24.923, 332.081



57, 24.818, 148.353

Rectangle

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



50, 24.923, 332.081



50, 24.923, 22.081



50, 24.923, 152.081



50, 24.923, 202.081

Sweetspot

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



50, 24.921, 332.081



73, 8.802, 330.816



47, 24.534, 299.631



38, 6.310, 330.907



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



50, 24.921, 332.081



62, 36.475, 332.464



49, 18.456, 357.717



29, 5.043, 330.884



31, 63.028, 337.587



1, 4.383, 330.357

Inverse Universe

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



50, 24.921, 332.081



62, 36.475, 332.464



58, 17.123, 172.172



29, 5.043, 330.884



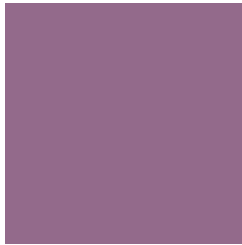
31, 63.028, 337.587



1, 4.383, 330.357

Previews

White Background



This preview shows how the CIELCh color 50, 24.923, 332.081 looks on a white background.

Color Contrast Check

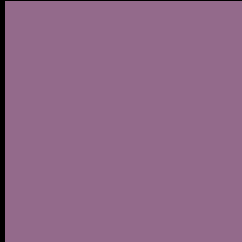
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 24.923, 332.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

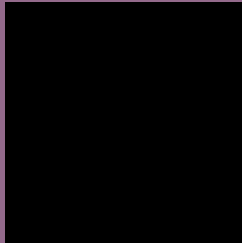
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 24.923, 332.081

Background



This preview shows how black text looks on a background with the CIELCh color 50, 24.923, 332.081.



This preview shows how white text looks on a background with the CIELCh color 50, 24.923, 332.081.

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

50, 24.923, 332.081

Protanopia

50, 17.049, 285.100

Deuteranopia

50, 12.558, 302.198



Tritanopia
50, 14.797, 2.999

Trichromacy



Original Color
50, 24.923, 332.081

Protanomaly
50, 18.133, 305.428

Deuteranomaly
50, 16.968, 317.471

Tritanomaly
50, 17.556, 347.402

Monochromacy



Original Color
50, 24.923, 332.081

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.237, 331.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 24.923, 332.081 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(147, 106, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 106, 139)  
}
```

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(147, 106, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 106, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 24.923, 332.081 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(147, 106, 139) }
```

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

```
.border{ border-color:rgb(147, 106, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 106, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 106, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 106, 139);  
box-shadow:4px 4px 4px 4px rgb(147, 106,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 24.923, 332.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 106, 139) }
```

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

```
.background{ background-color: rgb(147,  
106, 139) }
```

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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