

Converting Colors

CIELCh(50, 25.064, 320.429)

Have a look what the booklet for
CIELCh(50, 25.064, 320.429)
contains.

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Color

CIELCh(50, 25.178, 320.413)

Conversions

Conversions Part 1

Format	Color
Hex	8B6C92
RGB	139, 108, 146
RGB Percent	55%, 42%, 57%
CMY	0.4533, 0.5749, 0.4259
CMYK	0.05, 0.26, 0.00, 0.43
HSL	289°, 15%, 50%
HSV	289°, 26%, 57%
XYZ	21.3384, 18.4187, 29.7902
YIQ	121.6010, 6.2780, 18.3900

Conversions

Conversions Part 2

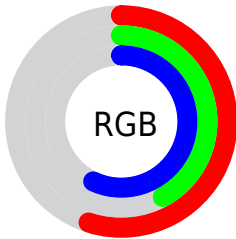
Format	Color
R_{YB}	139, 108, 146
Decimal	9137298
CIE _{Lab}	50.00, 19.40, -16.04
CIE _{LCh}	50, 25.178, 320.413
Yxy	18.4187, 0.3068, 0.2648
Android (android.graphics.Color)	4287327378 (0xFF8B6C92)
YUV	121.6010, 12.0287, 15.2589
Hunter-Lab	42.9170, 13.6459, -11.1134

Details

The CIELCh color $50, 25.178, 320.413$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 24.910, 137.967$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 25.004, 320.447$, and $30, 24.985, 320.320$ is the 20% darker color. If you saturate the color by 10%, you get $46, 34.910, 320.839$, and if you desaturate by 10%, it is $54, 15.398, 319.969$.

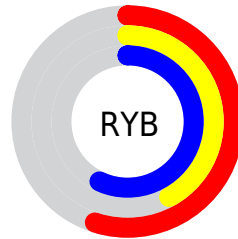
Distribution



Red (55%)

Green (42%)

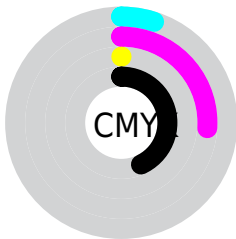
Blue (57%)



Red (55%)

Yellow (42%)

Blue (57%)

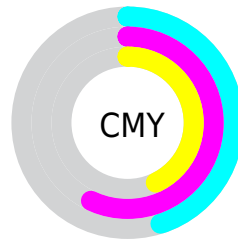


Cyan (5%)

Magenta (26%)

Yellow (0%)

Black (43%)



Cyan (45%)


Magenta (57%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 25.178, 320.413 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, 25.178, 320.413 by changing the saturation by 10% instead.


 50, 25.178,
320.413


 50, 25.178,
320.413


 100, 25.178,
320.413


 40, 25.178,
320.413


 70, 25.178,
320.413

 30, 25.178,
320.413


 80, 25.178,
320.413


 20, 25.178,
320.413

 90, 25.178,
320.413

 10, 25.178,
320.413

 0, 25.178, 320.413

 50, 25.178,
320.413

 50, 25.178,
320.413

46, 34.910,
320.839

54, 15.398,
319.969

42, 44.400,
321.229

58, 5.709, 319.512

39, 53.367,
321.555

62, 3.807, 139.159

36, 61.447,
321.783

67, 13.100,
138.719

33, 68.225,
321.874

71, 22.144,
138.328

31, 73.306,
321.789

75, 30.931,
137.967

30, 76.533,
321.508

80, 39.458,
137.633

30, 77.669,
321.384

84, 47.733,
137.326

88, 55.766,
137.046

Harmonies

Complementary

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



50, 25.178, 320.413



58, 24.910, 137.967

Rectangle

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



50, 25.178, 320.413



50, 25.178, 10.413



50, 25.178, 140.413



50, 25.178, 190.413

Sweetspot

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



50, 25.176, 320.413



73, 9.536, 319.616



49, 17.980, 283.840



38, 6.838, 319.681



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, 25.176, 320.413



62, 37.421, 320.658



50, 21.506, 336.081



29, 5.465, 319.664



28, 74.268, 321.419



1, 4.743, 319.281

Inverse Universe

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



50, 16.356, 7.131



61, 24.590, 7.907



57, 21.299, 152.315



29, 3.439, 5.222



28, 58.644, 29.199



1, 2.938, 4.464

Previews

White Background



This preview shows how the CIELCh color 50, 25.178, 320.413 looks on a white background.

Color Contrast Check

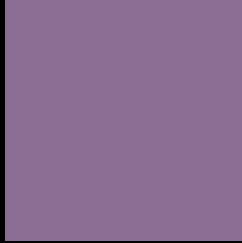
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 25.178, 320.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

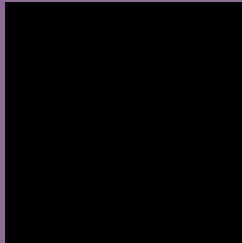
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 25.178, 320.413

Background



This preview shows how black text looks on a background with the CIELCh color 50, 25.178, 320.413.



This preview shows how white text looks on a background with the CIELCh color 50, 25.178, 320.413.

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, 25.178, 320.413

Protanopia

50, 20.580, 284.990

Deuteranopia

50, 16.407, 293.548



Tritanopia
50, 10.731, 351.479

Trichromacy



Original Color
50, 25.178, 320.413

Protanomaly
50, 21.253, 298.668

Deuteranomaly
50, 19.349, 305.787

Tritanomaly
50, 15.598, 332.806

Monochromacy



Original Color
50, 25.178, 320.413

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.293, 318.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 25.178, 320.413 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, 108, 146)` looks like.

```
.text, #text, p{  
    color:rgb(139, 108, 146)  
}
```

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, 108, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 108, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 25.178, 320.413 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, 108, 146) }
```

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

```
.border{ border-color:rgb(139, 108, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 108, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 108, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 108, 146);  
box-shadow:4px 4px 4px 4px rgb(139, 108,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 25.178, 320.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 108, 146) }
```

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

```
.background{ background-color: rgb(139,  
108, 146) }
```

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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