

Converting Colors

CIELCh(50, 24.306, 326.383)

Have a look what the booklet for
CIELCh(50, 24.306, 326.383)
contains.

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Color

CIELCh(50, 23.982, 326.520)

Conversions

Conversions Part 1

Format	Color
Hex	8F6C8E
RGB	143, 108, 142
RGB Percent	56%, 42%, 56%
CMY	0.4404, 0.5776, 0.4443
CMYK	0.00, 0.25, 0.01, 0.44
HSL	302°, 14%, 49%
HSV	302°, 25%, 56%
XYZ	21.4649, 18.4187, 27.8942
YIQ	122.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

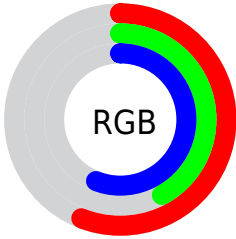
Format	Color
R_{YB}	143, 108, 142
Decimal	9399438
CIE _{Lab}	50.00, 20.00, -13.23
CIE _{LCh}	50, 23.982, 326.520
Yxy	18.4187, 0.3167, 0.2718
Android (android.graphics.Color)	4287589518 (0xFF8F6C8E)
YUV	122.3410, 9.6919, 18.1179
Hunter-Lab	42.9170, 14.1720, -8.4941

Details

The CIELCh color $50, 23.982, 326.520$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 23.966, 143.622$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 23.912, 326.194$, and $30, 24.109, 326.178$ is the 20% darker color. If you saturate the color by 10%, you get $47, 33.639, 327.049$, and if you desaturate by 10%, it is $54, 14.172, 325.976$.

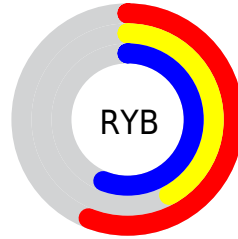
Distribution



Red (56%)

Green (42%)

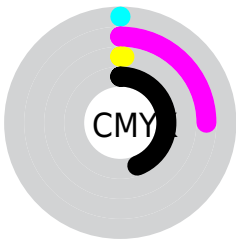
Blue (56%)



Red (56%)

Yellow (42%)

Blue (56%)

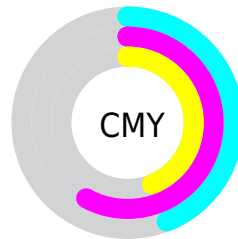


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (44%)



Cyan (44%)


Magenta (58%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 23.982, 326.520 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, 23.982, 326.520 by changing the saturation by 10% instead.


 50, 23.982,
326.520


 50, 23.982,
326.520


 100, 23.982,
326.520


 40, 23.982,
326.520


 70, 23.982,
326.520

 30, 23.982,
326.520


 80, 23.982,
326.520


 20, 23.982,
326.520

 90, 23.982,
326.520

 10, 23.982,
326.520

 0, 23.982, 326.520

 50, 23.982,
326.520

 50, 23.982,
326.520

47, 33.639,
327.049

54, 14.172,
325.976

43, 42.912,
327.552

58, 4.386, 325.405

40, 51.495,
328.016

61, 5.262, 144.960

65, 14.699,
144.418

38, 59.032,
328.428

70, 23.883,
143.915

36, 65.164,
328.777

74, 32.795,
143.438

35, 69.605,
329.057

78, 41.429,
142.987

34, 72.259,
329.270

82, 49.787,
142.562

33, 73.383,
329.373

86, 57.881,
142.164

Harmonies

Complementary

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



50, 23.982, 326.520



56, 23.966, 143.622

Rectangle

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



50, 23.982, 326.520



50, 23.982, 16.520



50, 23.982, 146.520



50, 23.982, 196.520

Sweetspot

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



50, 23.980, 326.520



72, 8.457, 325.564



47, 20.767, 293.526



38, 5.540, 325.593



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



50, 23.980, 326.520



62, 35.200, 326.792



49, 17.221, 346.724



28, 5.501, 325.680



31, 70.552, 329.367



1, 3.695, 325.206

Inverse Universe

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



50, 23.980, 326.520



62, 35.200, 326.792



56, 16.677, 162.410



28, 5.501, 325.680



31, 70.552, 329.367



1, 3.695, 325.206

Previews

White Background



This preview shows how the CIELCh color 50, 23.982, 326.520 looks on a white background.

Color Contrast Check

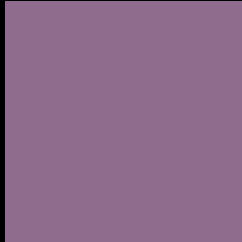
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.982, 326.520 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, 23.982, 326.520

Background



This preview shows how black text looks on a background with the CIELCh color 50, 23.982, 326.520.



This preview shows how white text looks on a background with the CIELCh color 50, 23.982, 326.520.

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, 23.982, 326.520

Protanopia

50, 18.204, 285.757

Deuteranopia

50, 14.228, 299.543



Tritanopia
50, 12.392, 358.914

Trichromacy



Original Color
50, 23.982, 326.520

Protanomaly
50, 19.127, 302.514

Deuteranomaly
50, 17.574, 312.363

Tritanomaly
50, 16.256, 341.261

Monochromacy



Original Color
50, 23.982, 326.520

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.731, 327.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 23.982, 326.520 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(143, 108, 142)` looks like.

```
.text, #text, p{  
    color:rgb(143, 108, 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(143, 108, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 108, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 23.982, 326.520 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(143, 108, 142) }
```

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

```
.border{ border-color:rgb(143, 108, 142) }
```

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

Here you see how a box with a 4 pixel rgb(143, 108, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 108, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 108, 142);  
box-shadow:4px 4px 4px 4px rgb(143, 108,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 23.982, 326.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 108, 142) }
```

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

```
.background{ background-color: rgb(143,  
108, 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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