

Converting Colors

CIELCh(51, 25.638, 323.679)

Have a look what the booklet for
CIELCh(51, 25.638, 323.679)
contains.

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Color

CIELCh(51, 25.807, 323.536)

Conversions

Conversions Part 1

Format	Color
Hex	916E94
RGB	145, 110, 148
RGB Percent	57%, 43%, 58%
CMY	0.4319, 0.5691, 0.4201
CMYK	0.02, 0.26, 0.00, 0.42
HSL	295°, 15%, 51%
HSV	295°, 26%, 58%
XYZ	22.5534, 19.2686, 30.4957
YIQ	124.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

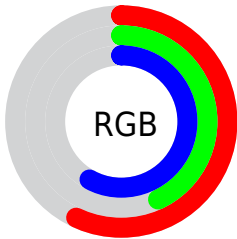
Format	Color
R_{YB}	145, 110, 148
Decimal	9531028
CIE _{Lab}	51.00, 20.75, -15.34
CIE _{LCh}	51, 25.807, 323.536
Yxy	19.2686, 0.3119, 0.2664
Android (android.graphics.Color)	4287721108 (0xFF916E94)
YUV	124.7970, 11.4391, 17.7180
Hunter-Lab	43.8960, 14.8937, -10.4631

Details

The CIELCh color $51, 25.807, 323.536$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 25.697, 140.809$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 25.647, 323.389$, and $31, 25.554, 323.749$ is the 20% darker color. If you saturate the color by 10%, you get $47, 35.773, 324.002$, and if you desaturate by 10%, it is $55, 15.714, 323.050$.

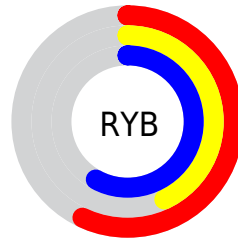
Distribution



Red (57%)

Green (43%)

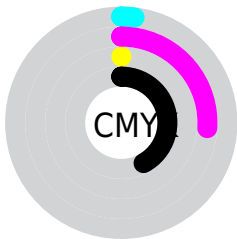
Blue (58%)



Red (57%)

Yellow (43%)

Blue (58%)

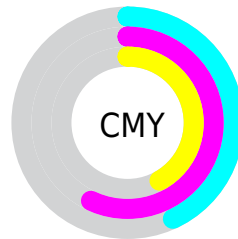


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (42%)



Cyan (43%)


Magenta (57%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 25.807, 323.536 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 51, 25.807, 323.536 by changing the saturation by 10% instead.


 51, 25.807,
323.536


 51, 25.807,
323.536


 100, 25.807,
323.536


 41, 25.807,
323.536


 71, 25.807,
323.536

 31, 25.807,
323.536

 81, 25.807,
323.536

 21, 25.807,
323.536

 91, 25.807,
323.536

 11, 25.807,
323.536

 1, 25.807, 323.536

 0, 25.807, 323.536

51, 25.807,
323.536

51, 25.807,
323.536

47, 35.773,
324.002

55, 15.714,
323.050

44, 45.384,
324.430

59, 5.665, 322.543

41, 54.330,
324.801

63, 4.234, 142.144

38, 62.239,
325.090

67, 13.916,
141.649

36, 68.718,
325.274

71, 23.341,
141.200

34, 73.440,
325.330

76, 32.494,
140.778


33, 76.316,
325.253

80, 41.368,
140.383

33, 77.347,

84, 49.969,
140.015

325.207

 89, 58.305,
139.673

Harmonies

Complementary

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



51, 25.807, 323.536



58, 25.697, 140.809

Rectangle

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



51, 25.807, 323.536



51, 25.807, 13.536



51, 25.807, 143.536



51, 25.807, 193.536

Sweetspot

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



51, 25.805, 323.536



73, 9.836, 322.673



49, 20.510, 289.716



38, 7.052, 322.744



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



51, 25.805, 323.536



62, 38.382, 323.815



51, 19.819, 341.464



29, 5.636, 322.726



30, 73.430, 325.226



1, 4.898, 322.299

Inverse Universe

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



50, 16.106, 15.209



61, 24.407, 15.968



58, 19.426, 157.296



29, 3.356, 13.503



28, 62.608, 35.704



1, 2.851, 12.863

Previews

White Background



This preview shows how the CIELCh color 51, 25.807, 323.536 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 51, 25.807, 323.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

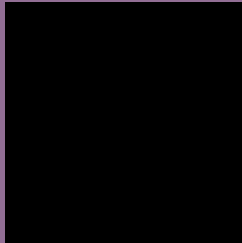
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.807, 323.536

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.807, 323.536.



This preview shows how white text looks on a background with the CIELCh color 51, 25.807, 323.536.

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

51, 25.807, 323.536

Protanopia

51, 20.485, 285.885

Deuteranopia

51, 15.794, 294.832



Tritanopia
51, 12.179, 355.522

Trichromacy



Original Color
51, 25.807, 323.536

Protanomaly
51, 21.362, 301.564

Deuteranomaly
51, 18.918, 308.381

Tritanomaly
51, 15.968, 337.605

Monochromacy



Original Color
51, 25.807, 323.536

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.949, 322.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.807, 323.536 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(145, 110, 148)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 148)  
}
```

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(145, 110, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.807, 323.536 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(145, 110, 148) }
```

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

```
.border{ border-color:rgb(145, 110, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.807, 323.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 148) }
```

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

```
.background{ background-color: rgb(145,  
110, 148) }
```

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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