

Converting Colors

CIELCh(51, 21.227, 323.720)

Have a look what the booklet for
CIELCh(51, 21.227, 323.720)
contains.

CIELCh(51, 21.257, 323.757)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 21.257, 323.757)

Conversions

Conversions Part 1

Format	Color
Hex	8D708F
RGB	141, 112, 143
RGB Percent	55%, 44%, 56%
CMY	0.4466, 0.5604, 0.4388
CMYK	0.01, 0.22, 0.00, 0.44
HSL	296°, 12%, 50%
HSV	296°, 22%, 56%
XYZ	21.7734, 19.2686, 28.5997
YIQ	124.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

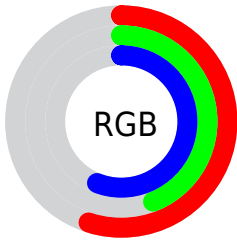
Format	Color
R_{YB}	141, 112, 143
Decimal	9269391
CIE _{Lab}	51.00, 17.14, -12.57
CIE _{LCh}	51, 21.257, 323.757
Yxy	19.2686, 0.3126, 0.2767
Android (android.graphics.Color)	4287459471 (0xFF8D708F)
YUV	124.2050, 9.2659, 14.7292
Hunter-Lab	43.8960, 11.7217, -7.9021

Details

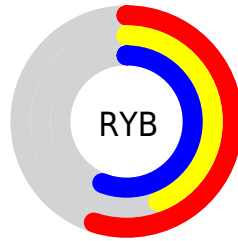
The CIELCh color $51, 21.257, 323.757$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 21.187, 141.464$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 21.322, 323.645$, and $31, 21.262, 323.003$ is the 20% darker color. If you saturate the color by 10%, you get $47, 31.059, 324.239$, and if you desaturate by 10%, it is $55, 11.395, 323.258$.

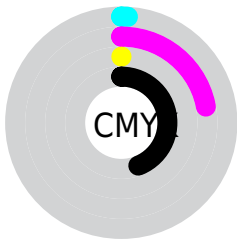
Distribution



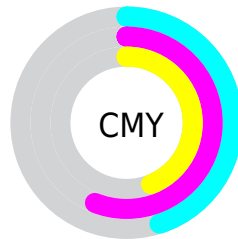
- Red (55%)
- Green (44%)
- Blue (56%)



- Red (55%)
- Yellow (44%)
- Blue (56%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (44%)





- Cyan (45%)
- Magenta (56%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 21.257, 323.757 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, 21.257, 323.757 by changing the saturation by 10% instead.


 51, 21.257,
323.757


 51, 21.257,
323.757


 100, 21.257,
323.757


 41, 21.257,
323.757


 71, 21.257,
323.757

 31, 21.257,
323.757

 81, 21.257,
323.757

 21, 21.257,
323.757

 91, 21.257,
323.757

 11, 21.257,
323.757

 1, 21.257, 323.757

 0, 21.257, 323.757

51, 21.257,
323.757

51, 21.257,
323.757

47, 31.059,
324.239

55, 11.395,
323.258

44, 40.605,
324.691

59, 1.618, 322.667

41, 49.620,
325.096

63, 7.984, 142.328

38, 57.765,
325.433

67, 17.357,
141.851

36, 64.663,
325.677

71, 26.472,
141.405

34, 69.966,
325.810

75, 35.316,
140.986

33, 73.453,
325.817

79, 43.888,
140.592

32, 75.432,

83, 52.194,
140.226

325.761

 88, 60.244,
139.885

Harmonies

Complementary

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



51, 21.257, 323.757



57, 21.187, 141.464

Rectangle

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



51, 21.257, 323.757



51, 21.257, 13.757



51, 21.257, 143.757



51, 21.257, 193.757

Sweetspot

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



51, 21.255, 323.757



73, 7.239, 322.971



49, 17.020, 289.869



38, 4.841, 323.001



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 21.255, 323.757



63, 31.632, 323.995



51, 16.060, 341.941



28, 5.498, 323.131



30, 72.359, 325.774



1, 3.691, 322.700

Inverse Universe

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



50, 13.045, 15.876



62, 19.715, 16.430



57, 15.761, 158.468



28, 3.253, 14.666



27, 62.113, 36.194



0, 2.133, 14.054

Previews

White Background



This preview shows how the CIELCh color 51, 21.257, 323.757 looks on a white background.

Color Contrast Check

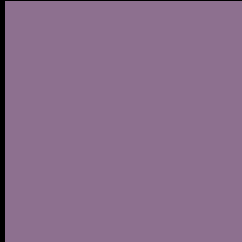
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.257, 323.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

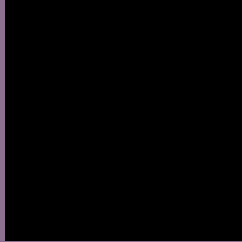
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 21.257, 323.757

Background



This preview shows how black text looks on a background with the CIELCh color 51, 21.257, 323.757.



This preview shows how white text looks on a background with the CIELCh color 51, 21.257, 323.757.

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, 21.257, 323.757

Protanopia

51, 16.967, 286.243

Deuteranopia

51, 13.588, 299.797



Tritanopia
51, 10.700, 351.456

Trichromacy



Original Color
51, 21.257, 323.757

Protanomaly
51, 17.776, 300.707

Deuteranomaly
51, 16.161, 311.190

Tritanomaly
51, 14.043, 336.330

Monochromacy



Original Color
51, 21.257, 323.757

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.554, 322.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 21.257, 323.757 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(141, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 143)  
}
```

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(141, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 21.257, 323.757 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(141, 112, 143) }
```

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

```
.border{ border-color:rgb(141, 112, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 112, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 143);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 21.257, 323.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 143) }
```

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

```
.background{ background-color: rgb(141,  
112, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor