

Converting Colors

CIELCh(53, 18.449, 325.403)

Have a look what the booklet for
CIELCh(53, 18.449, 325.403)
contains.

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Color

CIELCh(53, 18.802, 325.421)

Conversions

Conversions Part 1

Format	Color
Hex	917691
RGB	145, 118, 145
RGB Percent	57%, 46%, 57%
CMY	0.4311, 0.5370, 0.4311
CMYK	0.00, 0.19, 0.00, 0.43
HSL	300°, 11%, 52%
HSV	300°, 19%, 57%
XYZ	23.2928, 21.0462, 29.6518
YIQ	129.1510, 7.4250, 14.1210

Conversions

Conversions Part 2

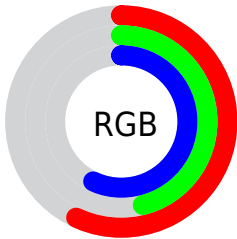
Format	Color
R_{YB}	145, 118, 145
Decimal	9533073
CIE _{Lab}	53.00, 15.48, -10.67
CIE _{LCh}	53, 18.802, 325.421
Yxy	21.0462, 0.3148, 0.2844
Android (android.graphics.Color)	4287723153 (0xFF917691)
YUV	129.1510, 7.8136, 13.8996
Hunter-Lab	45.8761, 10.3470, -6.2085

Details

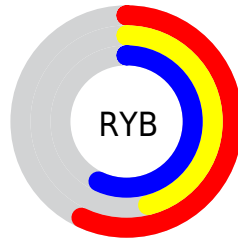
The CIELCh color $53, 18.802, 325.421$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 18.785, 143.306$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 19.027, 325.223$, and $33, 19.324, 324.728$ is the 20% darker color. If you saturate the color by 10%, you get $49, 28.893, 325.948$, and if you desaturate by 10%, it is $57, 8.662, 324.876$.

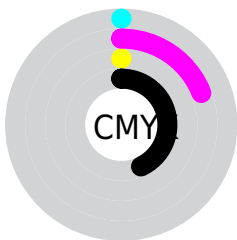
Distribution



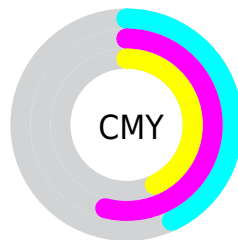
- Red (57%)
- Green (46%)
- Blue (57%)



- Red (57%)
- Yellow (46%)
- Blue (57%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)





- Cyan (43%)
- Magenta (54%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 18.802, 325.421 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 53, 18.802, 325.421 by changing the saturation by 10% instead.


 53, 18.802,
325.421


 53, 18.802,
325.421


 100, 18.802,
325.421


 43, 18.802,
325.421


 73, 18.802,
325.421

 33, 18.802,
325.421

 83, 18.802,
325.421

 23, 18.802,
325.421

 93, 18.802,
325.421

 13, 18.802,
325.421

 3, 18.802, 325.421

 0, 18.802, 325.421

53, 18.802,
325.421

53, 18.802,
325.421

49, 28.893,
325.948

57, 8.662, 324.876

46, 38.736,
326.451

61, 1.378, 144.517

43, 48.057,
326.917

65, 11.227,
143.868

40, 56.518,
327.329

69, 20.829,
143.357

38, 63.750,
327.673

73, 30.153,
142.873

36, 69.411,
327.936

77, 39.188,
142.414

35, 73.279,
328.113

81, 47.932,
141.982

34, 75.612,

86, 56.395,
141.577

328.219

■ 90, 64.587,
141.199

■ 34, 75.915,
328.233

Harmonies

Complementary

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



53, 18.802, 325.421



58, 18.785, 143.306

Rectangle

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



53, 18.802, 325.421



53, 18.802, 15.421



53, 18.802, 145.421



53, 18.802, 195.421

Sweetspot

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



53, 18.800, 325.421



74, 7.469, 324.734



51, 15.788, 292.187



38, 4.940, 324.767



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 18.800, 325.421



66, 27.553, 325.626



53, 13.326, 345.207



28, 5.608, 324.907



32, 72.103, 328.233



1, 3.767, 324.439

Inverse Universe

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



53, 18.800, 325.421



66, 27.553, 325.626



58, 13.026, 162.095



28, 5.608, 324.907



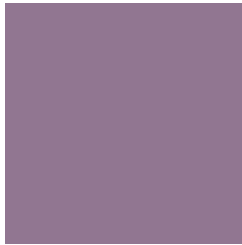
32, 72.103, 328.233



1, 3.767, 324.439

Previews

White Background



This preview shows how the CIELCh color 53, 18.802, 325.421 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 53, 18.802, 325.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

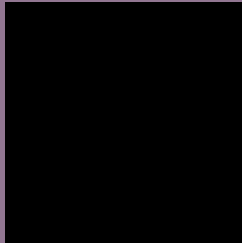
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 18.802, 325.421

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.802, 325.421.



This preview shows how white text looks on a background with the CIELCh color 53, 18.802, 325.421.

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


53, 18.802, 325.421

Protanopia

53, 13.928, 285.871

Deuteranopia

53, 12.595, 305.560



Tritanopia
53, 10.256, 350.218

Trichromacy



Original Color
53, 18.802, 325.421

Protanomaly
53, 14.774, 302.108

Deuteranomaly
53, 14.577, 314.845

Tritanomaly
53, 12.881, 338.686

Monochromacy



Original Color
53, 18.802, 325.421

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 7.020, 324.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.802, 325.421 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, 118, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 145)  
}
```

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, 118, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.802, 325.421 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, 118, 145) }
```

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

```
.border{ border-color:rgb(145, 118, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 118, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.802, 325.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 118, 145) }
```

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

```
.background{ background-color: rgb(145,  
118, 145) }
```

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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