

Converting Colors

CIELCh(52, 25.065, 323.367)

Have a look what the booklet for
CIELCh(52, 25.065, 323.367)
contains.

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Color

CIELCh(52, 25.049, 323.427)

Conversions

Conversions Part 1

Format	Color
Hex	937196
RGB	147, 113, 150
RGB Percent	58%, 44%, 59%
CMY	0.4244, 0.5576, 0.4126
CMYK	0.02, 0.25, 0.00, 0.41
HSL	295°, 15%, 51%
HSV	295°, 25%, 59%
XYZ	23.3657, 20.1443, 31.4222
YIQ	127.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

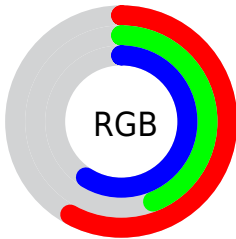
Format	Color
R_{YB}	147, 113, 150
Decimal	9662870
CIE _{Lab}	52.00, 20.12, -14.93
CIE _{LCh}	52, 25.049, 323.427
Yxy	20.1443, 0.3118, 0.2688
Android (android.graphics.Color)	4287852950 (0xFF937196)
YUV	127.3840, 11.1497, 17.2032
Hunter-Lab	44.8824, 14.3823, -10.0912

Details

The CIELCh color $52, 25.049, 323.427$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 24.941, 140.821$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 24.941, 323.300$, and $32, 24.735, 323.602$ is the 20% darker color. If you saturate the color by 10%, you get $48, 35.138, 323.895$, and if you desaturate by 10%, it is $56, 14.853, 322.940$.

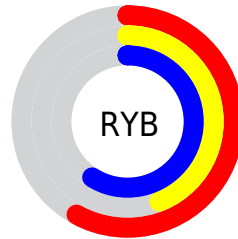
Distribution



Red (58%)

Green (44%)

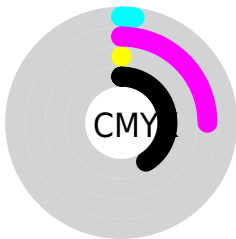
Blue (59%)



Red (58%)

Yellow (44%)

Blue (59%)

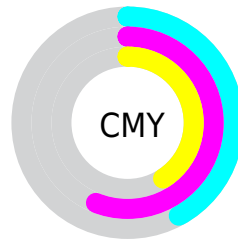


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (41%)



Cyan (42%)


Magenta (56%)


Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 25.049, 323.427 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 52, 25.049, 323.427 by changing the saturation by 10% instead.


 52, 25.049,
323.427


 52, 25.049,
323.427


 100, 25.049,
323.427


 42, 25.049,
323.427


 72, 25.049,
323.427

 32, 25.049,
323.427

 82, 25.049,
323.427

 22, 25.049,
323.427

 92, 25.049,
323.427

 12, 25.049,
323.427

 2, 25.049, 323.427

 0, 25.049, 323.427

52, 25.049,
323.427

52, 25.049,
323.427

48, 35.138,
323.895

56, 14.853,
322.940

45, 44.896,
324.327

60, 4.714, 322.428

64, 5.263, 142.029

41, 54.017,
324.704

68, 15.015,
141.544

39, 62.129,
325.000

73, 24.506,
141.099

36, 68.833,
325.192

77, 33.720,
140.681

35, 73.784,
325.257


81, 42.654,
140.290

34, 76.829,
325.185

86, 51.311,
139.925

33, 78.092,

325.123

 90, 59.702,
139.587

Harmonies

Complementary

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



52, 25.049, 323.427



59, 24.941, 140.821

Rectangle

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



52, 25.049, 323.427



52, 25.049, 13.427



52, 25.049, 143.427



52, 25.049, 193.427

Sweetspot

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



52, 25.047, 323.427



75, 8.688, 322.560



50, 19.885, 289.574



39, 5.631, 322.586



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 25.047, 323.427



64, 37.534, 323.706



52, 19.243, 341.377



29, 5.632, 322.665



30, 73.443, 325.146



1, 4.895, 322.239

Inverse Universe

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



51, 15.597, 14.927



62, 23.804, 15.669



59, 18.874, 157.390



29, 3.357, 13.331



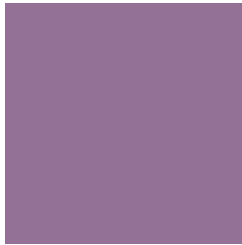
28, 62.539, 35.608



1, 2.852, 12.687

Previews

White Background



This preview shows how the CIELCh color 52, 25.049, 323.427 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 CIE LCh color 52, 25.049, 323.427 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 52, 25.049, 323.427

Background



This preview shows how black text looks on a background with the CIELCh color 52, 25.049, 323.427.



This preview shows how white text looks on a background with the CIELCh color 52, 25.049, 323.427.

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

52, 25.049, 323.427

Protanopia

52, 19.825, 285.516

Deuteranopia

52, 15.807, 297.475



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 25.049, 323.427

Protanomaly
52, 20.644, 300.737

Deuteranomaly
52, 18.969, 309.468

Tritanomaly
52, 16.312, 336.081

Monochromacy



Original Color
52, 25.049, 323.427

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.924, 322.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 25.049, 323.427 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(147, 113, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 113, 150)  
}
```

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(147, 113, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 113, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 25.049, 323.427 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(147, 113, 150) }
```

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

```
.border{ border-color:rgb(147, 113, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 113, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 113, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 113, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 113,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 25.049, 323.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 113, 150) }
```

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

```
.background{ background-color: rgb(147,  
113, 150) }
```

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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