

Converting Colors

CIELCh(52, 23.687, 320.022)

Have a look what the booklet for
CIELCh(52, 23.687, 320.022)
contains.

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Color

CIELCh(52, 23.657, 320.015)

Conversions

Conversions Part 1

Format	Color
Hex	8F7296
RGB	143, 114, 150
RGB Percent	56%, 45%, 59%
CMY	0.4384, 0.5522, 0.4110
CMYK	0.05, 0.24, 0.00, 0.41
HSL	288°, 15%, 52%
HSV	288°, 24%, 59%
XYZ	22.9230, 20.1443, 31.6197
YIQ	126.7750, 5.7280, 17.3440

Conversions

Conversions Part 2

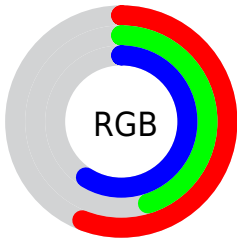
Format	Color
R_{YB}	143, 114, 150
Decimal	9400982
CIE _{Lab}	52.00, 18.13, -15.20
CIE _{LCh}	52, 23.657, 320.015
Yxy	20.1443, 0.3069, 0.2697
Android (android.graphics.Color)	4287591062 (0xFF8F7296)
YUV	126.7750, 11.4499, 14.2293
Hunter-Lab	44.8824, 12.6219, -10.3521

Details

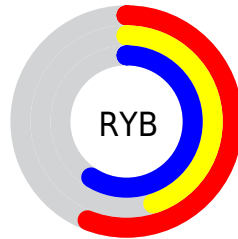
The CIELCh color $52, 23.657, 320.015$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 23.407, 137.791$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 23.590, 320.107$, and $32, 23.322, 319.814$ is the 20% darker color. If you saturate the color by 10%, you get $48, 33.602, 320.445$, and if you desaturate by 10%, it is $56, 13.702, 319.571$.

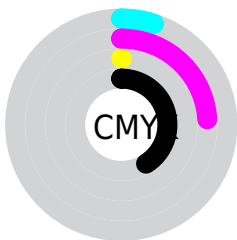
Distribution



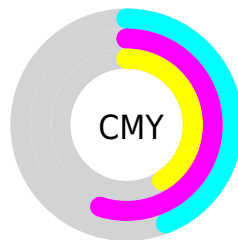
- Red (56%)
- Green (45%)
- Blue (59%)



- Red (56%)
- Yellow (45%)
- Blue (59%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (41%)





- Cyan (44%)
- Magenta (55%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 23.657, 320.015 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, 23.657, 320.015 by changing the saturation by 10% instead.


 52, 23.657,
320.015


 52, 23.657,
320.015


 100, 23.657,
320.015


 42, 23.657,
320.015


 72, 23.657,
320.015

 32, 23.657,
320.015

 82, 23.657,
320.015

 22, 23.657,
320.015

 92, 23.657,
320.015

 12, 23.657,
320.015

 2, 23.657, 320.015

 0, 23.657, 320.015

52, 23.657,
320.015

52, 23.657,
320.015

48, 33.602,
320.445

56, 13.702,
319.571

44, 43.355,
320.842

60, 3.865, 319.105

41, 52.648,
321.182

65, 5.781, 138.757

37, 61.124,
321.429

69, 15.190,
138.339

35, 68.362,
321.543

74, 24.343,
137.958

32, 73.937,
321.484

78, 33.231,
137.607


31, 77.556,
321.216

82, 41.857,
137.283

30, 79.252,

87, 50.228,
136.987

321.011

 91, 58.354,
136.716

Harmonies

Complementary

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



52, 23.657, 320.015



59, 23.407, 137.791

Rectangle

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



52, 23.657, 320.015



52, 23.657, 10.015



52, 23.657, 140.015



52, 23.657, 190.015

Sweetspot

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



52, 23.655, 320.015



76, 8.492, 319.261



51, 16.902, 283.534



40, 5.564, 319.286



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 23.655, 320.015



64, 35.669, 320.259



52, 20.268, 335.935



29, 5.449, 319.356



27, 74.372, 321.063



1, 4.729, 318.976

Inverse Universe

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



52, 15.386, 6.106



64, 23.448, 6.849



59, 20.083, 152.489



29, 3.450, 4.438



28, 58.265, 28.430



1, 2.949, 3.674

Previews

White Background



This preview shows how the CIELCh color 52, 23.657, 320.015 looks on a white background.

Color Contrast Check

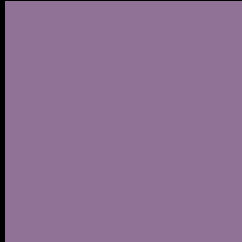
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 23.657, 320.015 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, 23.657, 320.015

Background



This preview shows how black text looks on a background with the CIELCh color 52, 23.657, 320.015.



This preview shows how white text looks on a background with the CIELCh color 52, 23.657, 320.015.

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, 23.657, 320.015

Protanopia
52, 19.253, 285.208

Deuteranopia
52, 16.352, 296.055



Tritanopia
52, 10.587, 347.513

Trichromacy



Original Color
52, 23.657, 320.015

Protanomaly
52, 19.947, 298.848

Deuteranomaly
52, 18.089, 306.549

Tritanomaly
52, 14.540, 331.851

Monochromacy



Original Color
52, 23.657, 320.015

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.723, 320.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 23.657, 320.015 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, 114, 150)` looks like.

```
.text, #text, p{  
    color:rgb(143, 114, 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(143, 114, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 114, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 23.657, 320.015 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, 114, 150) }
```

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

```
.border{ border-color:rgb(143, 114, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 114, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 114, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 114, 150);  
box-shadow:4px 4px 4px 4px rgb(143, 114,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 23.657, 320.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 114, 150) }
```

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

```
.background{ background-color: rgb(143,  
114, 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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