

Converting Colors

CIELCh(52, 10.224, 200.077)

Have a look what the booklet for
CIELCh(52, 10.224, 200.077)
contains.

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Color

CIELCh(52, 10.103, 201.718)

Conversions

Conversions Part 1

Format	Color
Hex	668182
RGB	102, 129, 130
RGB Percent	40%, 51%, 51%
CMY	0.5999, 0.4940, 0.4901
CMYK	0.22, 0.01, 0.00, 0.49
HSL	182°, 12%, 45%
HSV	182°, 22%, 51%
XYZ	17.3655, 20.1443, 24.0996
YIQ	121.0410, -16.4130, -5.4130

Conversions

Conversions Part 2

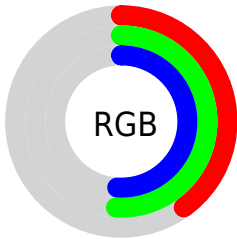
Format	Color
R_{YB}	102, 116, 130
Decimal	6717826
CIE _{Lab}	52.00, -9.39, -3.74
CIE _{LCh}	52, 10.103, 201.718
Yxy	20.1443, 0.2819, 0.3270
Android (android.graphics.Color)	4284907906 (0xFF668182)
YUV	121.0410, 4.4168, -16.6990
Hunter-Lab	44.8824, -9.4807, -0.4180

Details

The CIELCh color **52, 10.103, 201.718** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 11.609, 23.710**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 9.997, 201.787**, and **32, 10.211, 201.557** is the 20% darker color. If you saturate the color by 10%, you get **51, 14.286, 201.415**, and if you desaturate by 10%, it is **53, 5.570, 202.093**.

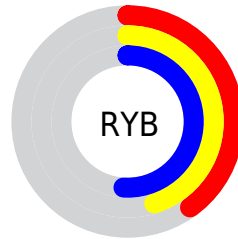
Distribution



Red (40%)

Green (51%)

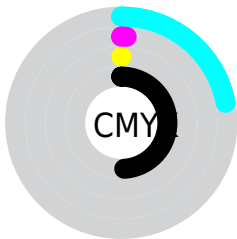
Blue (51%)



Red (40%)

Yellow (45%)

Blue (51%)

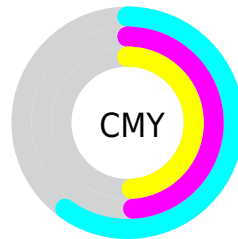


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (49%)



Cyan (60%)


Magenta (49%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 10.103, 201.718 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, 10.103, 201.718 by changing the saturation by 10% instead.


 52, 10.103,
201.718


 52, 10.103,
201.718


 100, 10.103,
201.718


 42, 10.103,
201.718


 72, 10.103,
201.718

 32, 10.103,
201.718

 82, 10.103,
201.718

 22, 10.103,
201.718

 92, 10.103,
201.718

 12, 10.103,
201.718

 2, 10.103, 201.718

 0, 10.103, 201.718

■ 52, 10.103,
201.718

■ 52, 10.103,
201.718

■ 51, 14.286,
201.415

■ 53, 5.570, 202.093

■ 50, 18.043,
201.198

■ 54, 0.759, 202.953

■ 55, 4.265, 22.766

■ 50, 21.304,
201.071

■ 57, 9.441, 23.290

■ 49, 24.006,
201.044

■ 58, 14.722, 23.799

■ 60, 20.065, 24.316

■ 48, 26.110,
201.128

■ 61, 25.440, 24.838

■ 48, 27.600,
201.332

■ 63, 30.821, 25.363

■ 65, 36.188, 25.885

■ 48, 28.498,
201.663

■ 47, 28.994,

Harmonies

Complementary

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



52, 10.103, 201.718



46, 11.609, 23.710

Rectangle

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



52, 10.103, 201.718



52, 10.103, 251.718



52, 10.103, 21.718



52, 10.103, 71.718

Sweetspot

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



52, 10.103, 201.712



68, 3.625, 202.365



52, 19.439, 143.996



35, 2.390, 202.334



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 10.103, 201.712



66, 14.810, 201.552



48, 9.933, 261.991



26, 2.695, 202.206



47, 28.590, 201.987



0, 0.000, 0.000

Inverse Universe

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



47, 19.425, 326.551



58, 28.955, 326.822



50, 10.375, 76.299



25, 4.980, 325.868



29, 67.284, 329.654



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 10.103, 201.718 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, 10.103, 201.718 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

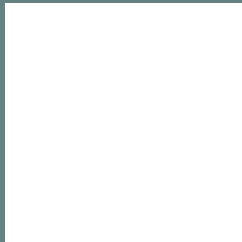
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 10.103, 201.718

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.103, 201.718.



This preview shows how white text looks on a background with the CIELCh color 52, 10.103, 201.718.

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, 10.103, 201.718

Protanopia
52, 1.930, 314.700

Deuteranopia
52, 8.467, 324.899



Tritanopia
52, 10.355, 232.958

Trichromacy



Original Color
52, 10.103, 201.718

Protanomaly
52, 3.309, 219.799

Deuteranomaly
52, 4.705, 281.291

Tritanomaly
52, 9.949, 222.828

Monochromacy



Original Color
52, 10.103, 201.718

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.916, 199.082

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.103, 201.718 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(102, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(102, 129, 130)  
}
```

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(102, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 129, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.103, 201.718 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(102, 129, 130) }
```

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

```
.border{ border-color:rgb(102, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(102, 129,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.103, 201.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 129, 130) }
```

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

```
.background{ background-color: rgb(102,  
129, 130) }
```

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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