

Converting Colors

CIELCh(52, 10.766, 20.842)

Have a look what the booklet for
CIELCh(52, 10.766, 20.842) contains.

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Color

CIELCh(52, 10.813, 20.605)

Conversions

Conversions Part 1

Format	Color
Hex	907676
RGB	144, 118, 118
RGB Percent	56%, 46%, 46%
CMY	0.4359, 0.5378, 0.5378
CMYK	0.00, 0.18, 0.18, 0.44
HSL	0°, 10%, 51%
HSV	0°, 18%, 56%
XYZ	21.1993, 20.1443, 19.8666
YIQ	125.7740, 15.4960, 5.5120

Conversions

Conversions Part 2

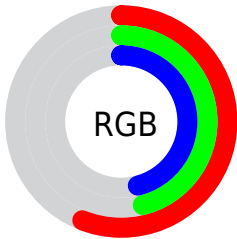
Format	Color
RYB	144, 118, 118
Decimal	9467510
CIELab	52.00, 10.12, 3.81
CIELCh	52, 10.813, 20.605
Yxy	20.1443, 0.3463, 0.3291
Android (android.graphics.Color)	4287657590 (0xFF907676)
YUV	125.7740, -3.8326, 15.9842
Hunter-Lab	44.8824, 5.7667, 5.1738

Details

The CIELCh color $52, 10.813, 20.605$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 9.646, 198.530$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 10.831, 20.305$, and $32, 10.559, 21.118$ is the 20% darker color. If you saturate the color by 10%, you get $48, 17.437, 21.594$, and if you desaturate by 10%, it is $56, 4.647, 19.811$.

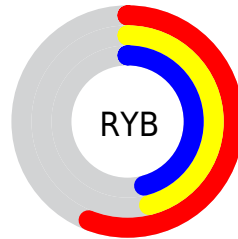
Distribution



Red (56%)

Green (46%)

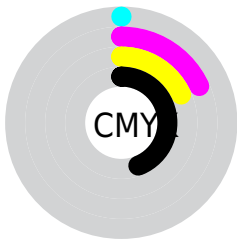
Blue (46%)



Red (56%)

Yellow (46%)

Blue (46%)

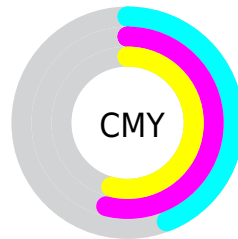


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (44%)



Cyan (44%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 10.813, 20.605 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, 10.813, 20.605 by changing the saturation by 10% instead.

■ 52, 10.813, 20.605

■ 52, 10.813, 20.605

■ 100, 10.813,
20.605

■ 42, 10.813, 20.605

■ 72, 10.813, 20.605

■ 32, 10.813, 20.605

■ 82, 10.813, 20.605

■ 22, 10.813, 20.605

■ 92, 10.813, 20.605

■ 12, 10.813, 20.605

■ 2, 10.813, 20.605

■ 0, 10.813, 20.605

■ 52, 10.813, 20.605

■ 52, 10.813, 20.605

■ 48, 17.437, 21.594

■ 56, 4.647, 19.811

■ 44, 24.500, 22.853

■ 61, 1.069, 199.721

40, 31.928, 24.485

65, 6.365, 198.920

37, 39.585, 26.593

69, 11.281,
198.519

34, 47.264, 29.260

74, 15.858,
198.209

32, 54.681, 32.476

30, 61.378, 35.956

78, 20.134,
197.958

29, 66.552, 38.758

83, 24.148,
197.754

29, 67.493, 39.206

87, 27.932,
197.585

91, 31.514,
197.443

Harmonies

Complementary

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



52, 10.813, 20.605



58, 9.646, 198.530

Rectangle

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



52, 10.813, 20.605



52, 10.813, 70.605



52, 10.813, 200.605



52, 10.813, 250.605

Sweetspot

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



52, 10.812, 20.613



73, 3.513, 19.566



53, 18.125, 325.391



38, 2.422, 19.621



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 10.812, 20.613



64, 16.516, 21.014



55, 9.197, 73.238



28, 3.246, 19.896



27, 64.130, 38.800



0, 2.121, 19.413

Inverse Universe

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



58, 9.646, 198.530



73, 14.297, 198.316



54, 8.788, 257.901



30, 3.069, 199.014



51, 31.263, 196.401



2, 2.121, 199.430

Previews

White Background



This preview shows how the CIELCh color 52, 10.813, 20.605 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, 10.813, 20.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

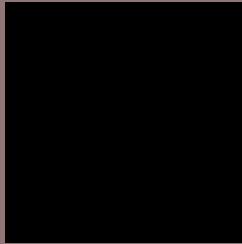
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 10.813, 20.605

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.813, 20.605.



This preview shows how white text looks on a background with the CIELCh color 52, 10.813, 20.605.

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, 10.813, 20.605

Protanopia

52, 2.104, 74.747

Deuteranopia

52, 8.083, 32.542



Tritanopia
52, 12.498, 356.355

Trichromacy



Original Color
52, 10.813, 20.605

Protanomaly
52, 4.638, 34.207

Deuteranomaly
52, 9.231, 27.534

Tritanomaly
52, 11.977, 4.042

Monochromacy



Original Color
52, 10.813, 20.605

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 3.642, 19.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.813, 20.605 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(144, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 118, 118)  
}
```

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(144, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 118, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.813, 20.605 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(144, 118, 118) }
```

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

```
.border{ border-color:rgb(144, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 118,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.813, 20.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 118, 118) }
```

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

```
.background{ background-color: rgb(144,  
118, 118) }
```

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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