

Converting Colors

CIELCh(52, 26.094, 22.625)

Have a look what the booklet for
CIELCh(52, 26.094, 22.625) contains.

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Color

CIELCh(52, 25.923, 22.583)

Conversions

Conversions Part 1

Format	Color
Hex	A86C6C
RGB	168, 108, 108
RGB Percent	66%, 42%, 42%
CMY	0.3410, 0.5763, 0.5763
CMYK	0.00, 0.36, 0.36, 0.34
HSL	0°, 26%, 54%
HSV	0°, 36%, 66%
XYZ	24.2307, 20.1443, 16.8075
YIQ	125.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

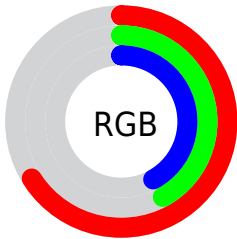
Format	Color
R _Y B	168, 108, 108
Decimal	11037804
CIE Lab	52.00, 23.94, 9.95
CIE LCh	52, 25.923, 22.583
Yxy	20.1443, 0.3960, 0.3292
Android (android.graphics.Color)	4289227884 (0xFFA86C6C)
YUV	125.9400, -8.8444, 36.8866
Hunter-Lab	44.8824, 17.8225, 9.2148

Details

The CIELCh color **52, 25.923, 22.583** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **65, 20.293, 197.715**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 26.079, 22.954**, and **32, 26.146, 21.662** is the 20% darker color. If you saturate the color by 10%, you get **48, 34.288, 24.164**, and if you desaturate by 10%, it is **57, 17.996, 21.374**.

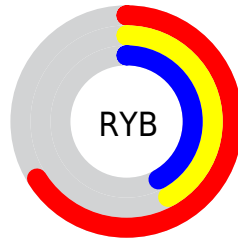
Distribution



Red (66%)

Green (42%)

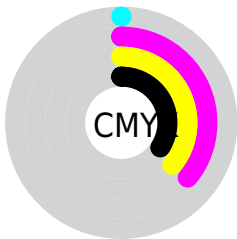
Blue (42%)



Red (66%)

Yellow (42%)

Blue (42%)

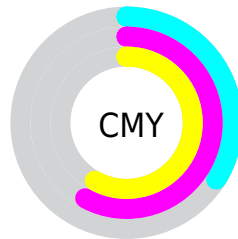


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (34%)



Cyan (34%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 25.923, 22.583 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, 25.923, 22.583 by changing the saturation by 10% instead.

■ 52, 25.923, 22.583

■ 52, 25.923, 22.583

■ 100, 25.923,
22.583

■ 42, 25.923, 22.583

■ 72, 25.923, 22.583

■ 32, 25.923, 22.583

■ 82, 25.923, 22.583

■ 22, 25.923, 22.583

■ 92, 25.923, 22.583

■ 12, 25.923, 22.583

■ 2, 25.923, 22.583

■ 0, 25.923, 22.583

■ 52, 25.923, 22.583

■ 52, 25.923, 22.583

■ 48, 34.288, 24.164

■ 57, 17.996, 21.374

■ 44, 42.951, 26.210

■ 61, 10.583, 20.428

41, 51.683, 28.819

66, 3.700, 19.624

38, 60.170, 32.005

71, 2.674, 199.374

36, 67.925, 35.528

76, 8.575, 198.805

35, 73.984, 38.636

81, 14.051,
198.427

35, 76.361, 39.861

86, 19.150,
198.131

91, 23.915,
197.893

95, 27.282,
197.736

Harmonies

Complementary

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



52, 25.923, 22.583



65, 20.293, 197.715

Rectangle

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



52, 25.923, 22.583



52, 25.923, 72.583



52, 25.923, 202.583



52, 25.923, 252.583

Sweetspot

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



52, 25.921, 22.587



81, 9.044, 20.062



54, 40.484, 326.330



42, 6.098, 20.164



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



52, 25.921, 22.587



63, 39.822, 23.828



60, 21.514, 71.044



33, 3.724, 19.913



30, 69.026, 39.360



1, 6.572, 19.410

Inverse Universe

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



65, 20.293, 197.715



82, 29.253, 197.410



56, 19.488, 261.206



35, 3.515, 198.998



55, 33.384, 196.398



5, 6.571, 199.431

Previews

White Background



This preview shows how the CIELCh color 52, 25.923, 22.583 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, 25.923, 22.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

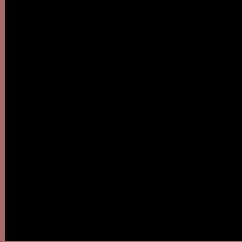
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 25.923, 22.583

Background



This preview shows how black text looks on a background with the CIELCh color 52, 25.923, 22.583.



This preview shows how white text looks on a background with the CIELCh color 52, 25.923, 22.583.

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, 25.923, 22.583

Protanopia

52, 5.049, 85.542

Deuteranopia

52, 12.857, 58.896



Tritanopia
52, 26.491, 12.937

Trichromacy



Original Color
52, 25.923, 22.583

Protanomaly
52, 10.957, 35.705

Deuteranomaly
52, 16.493, 39.207

Tritanomaly
52, 26.525, 16.635

Monochromacy



Original Color
52, 25.923, 22.583

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 9.098, 20.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 25.923, 22.583 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(168, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(168, 108, 108)  
}
```

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(168, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 108, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 25.923, 22.583 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(168, 108, 108) }
```

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

```
.border{ border-color:rgb(168, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(168, 108,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 25.923, 22.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 108, 108) }
```

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

```
.background{ background-color: rgb(168,  
108, 108) }
```

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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