

Converting Colors

CIELCh(58, 8.533, 20.412)

Have a look what the booklet for
CIELCh(58, 8.533, 20.412) contains.

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Color

CIELCh(58, 8.502, 24.022)

Conversions

Conversions Part 1

Format	Color
Hex	9C8786
RGB	156, 135, 134
RGB Percent	61%, 53%, 53%
CMY	0.3898, 0.4721, 0.4760
CMYK	0.00, 0.13, 0.14, 0.39
HSL	3°, 10%, 57%
HSV	3°, 14%, 61%
XYZ	26.5216, 25.9610, 26.0285
YIQ	141.1650, 12.8370, 4.1410

Conversions

Conversions Part 2

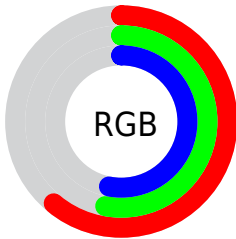
Format	Color
R _Y B	156, 135, 134
Decimal	10258310
CIE Lab	58.00, 7.77, 3.46
CIE LCh	58, 8.502, 24.022
Yxy	25.9610, 0.3378, 0.3307
Android (android.graphics.Color)	4288448390 (0xFF9C8786)
YUV	141.1650, -3.5323, 13.0103
Hunter-Lab	50.9519, 3.7474, 5.3784

Details

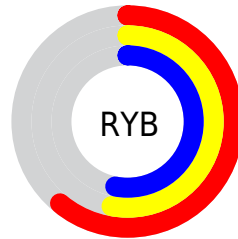
The CIELCh color $58, 8.502, 24.022$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.767, 202.922$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 8.715, 23.538$, and $38, 8.877, 24.554$ is the 20% darker color. If you saturate the color by 10%, you get $54, 15.102, 24.758$, and if you desaturate by 10%, it is $62, 2.388, 23.369$.

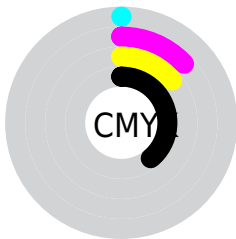
Distribution



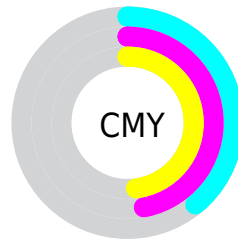
- Red (61%)
- Green (53%)
- Blue (53%)



- Red (61%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 8.502, 24.022 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 58, 8.502, 24.022 by changing the saturation by 10% instead.

 58, 8.502, 24.022  58, 8.502, 24.022

 100, 8.502, 24.022  48, 8.502, 24.022

 78, 8.502, 24.022  38, 8.502, 24.022


 88, 8.502, 24.022  28, 8.502, 24.022

 98, 8.502, 24.022  18, 8.502, 24.022

 8, 8.502, 24.022

 0, 8.502, 24.022

 58, 8.502, 24.022  58, 8.502, 24.022

 54, 15.102, 24.758  62, 2.388, 23.369

 50, 22.197, 25.700  67, 3.264, 203.311

46, 29.756, 26.940

71, 8.497, 202.932

42, 37.694, 28.562

76, 13.353,
202.696

39, 45.857, 30.642

80, 17.877,
202.529

36, 54.000, 33.201

34, 61.717, 36.088

85, 22.107,
202.410

33, 68.174, 38.744

89, 26.081,
202.327

32, 71.270, 40.258

94, 29.999,
199.124

94, 30.506,
197.539

Harmonies

Complementary

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



58, 8.502, 24.022



62, 7.767, 202.922

Rectangle

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



58, 8.502, 24.022



58, 8.502, 74.022



58, 8.502, 204.022



58, 8.502, 254.022

Sweetspot

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



58, 8.501, 24.033



79, 2.855, 23.364



58, 14.756, 326.096



42, 2.051, 23.427



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



58, 8.501, 24.033



72, 12.783, 24.246



61, 7.772, 77.174



31, 3.380, 23.728



29, 66.469, 39.920



1, 4.285, 23.166

Inverse Universe

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



62, 7.767, 202.922



78, 11.427, 202.810



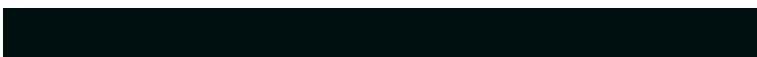
59, 7.562, 260.878



33, 3.190, 203.119



51, 30.647, 203.733



3, 4.233, 204.368

Previews

White Background



This preview shows how the CIELCh color 58, 8.502, 24.022 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 58, 8.502, 24.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

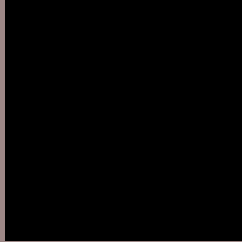
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 8.502, 24.022

Background



This preview shows how black text looks on a background with the CIELCh color 58, 8.502, 24.022.



This preview shows how white text looks on a background with the CIELCh color 58, 8.502, 24.022.

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


58, 8.502, 24.022

Protanopia

58, 2.309, 66.653

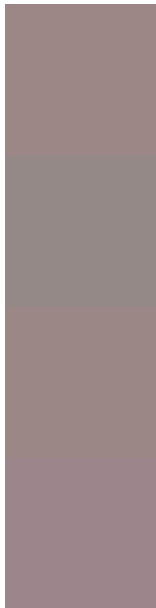
Deuteranopia

58, 8.091, 24.173



Tritanopia
58, 11.048, 349.754

Trichromacy



Original Color
58, 8.502, 24.022

Protanomaly
58, 4.532, 34.192

Deuteranomaly
58, 8.091, 24.173

Tritanomaly
58, 9.387, 359.193

Monochromacy



Original Color
58, 8.502, 24.022

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 2.819, 31.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 8.502, 24.022 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(156, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(156, 135, 134)  
}
```

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(156, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 135, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 8.502, 24.022 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(156, 135, 134) }
```

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

```
.border{ border-color:rgb(156, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(156, 135,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 8.502, 24.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 135, 134) }
```

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

```
.background{ background-color: rgb(156,  
135, 134) }
```

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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