

Converting Colors

CIELCh(58, 9.218, 18.974)

Have a look what the booklet for
CIELCh(58, 9.218, 18.974) contains.

CIELCh(58, 9.297, 20.327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 9.297, 20.327)

Conversions

Conversions Part 1

Format	Color
Hex	9D8686
RGB	157, 134, 134
RGB Percent	62%, 53%, 53%
CMY	0.3841, 0.4743, 0.4743
CMYK	0.00, 0.15, 0.15, 0.38
HSL	0°, 11%, 57%
HSV	0°, 15%, 62%
XYZ	26.7542, 25.9610, 26.1744
YIQ	140.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

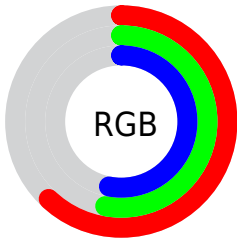
Format	Color
R_{YB}	157, 134, 134
Decimal	10323590
CIE _{Lab}	58.00, 8.72, 3.23
CIE _{LCh}	58, 9.297, 20.327
Yxy	25.9610, 0.3391, 0.3291
Android (android.graphics.Color)	4288513670 (0xFF9D8686)
YUV	140.8770, -3.3904, 14.1399
Hunter-Lab	50.9519, 4.5623, 5.2086

Details

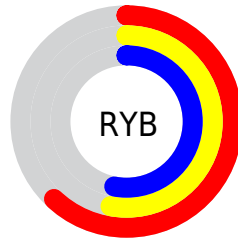
The CIELCh color $58, 9.297, 20.327$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.479, 198.704$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 9.462, 20.118$, and $38, 9.289, 20.720$ is the 20% darker color. If you saturate the color by 10%, you get $54, 16.252, 21.253$, and if you desaturate by 10%, it is $63, 2.837, 19.529$.

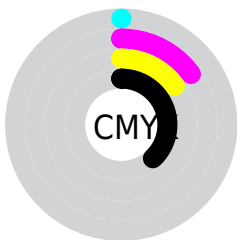
Distribution



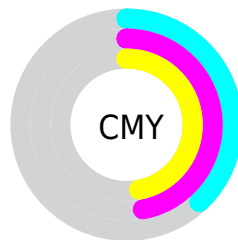
- Red (62%)
- Green (53%)
- Blue (53%)



- Red (62%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 9.297, 20.327 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, 9.297, 20.327 by changing the saturation by 10% instead.

 58, 9.297, 20.327  58, 9.297, 20.327

 100, 9.297, 20.327  48, 9.297, 20.327

 78, 9.297, 20.327  38, 9.297, 20.327

 88, 9.297, 20.327  28, 9.297, 20.327

 98, 9.297, 20.327  18, 9.297, 20.327

 8, 9.297, 20.327

 0, 9.297, 20.327

 58, 9.297, 20.327  58, 9.297, 20.327

 54, 16.252, 21.253  63, 2.837, 19.529

 49, 23.695, 22.422  67, 3.145, 199.293

45, 31.565, 23.938

72, 8.687, 198.768

41, 39.736, 25.904

77, 13.833,
198.402

38, 48.007, 28.418

81, 18.627,
198.113

36, 56.095, 31.510

34, 63.580, 34.996

86, 23.112,
197.880

33, 69.625, 38.208

91, 27.326,
197.689

32, 72.420, 39.640

94, 30.141,
197.561

Harmonies

Complementary

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



58, 9.297, 20.327



63, 8.479, 198.704

Rectangle

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



58, 9.297, 20.327



58, 9.297, 70.327



58, 9.297, 200.327



58, 9.297, 250.327

Sweetspot

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



58, 9.296, 20.337



80, 3.017, 19.471



59, 15.766, 325.213



42, 2.145, 19.543



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, 9.296, 20.337



72, 14.341, 20.652



61, 7.948, 73.630



31, 3.534, 19.910



29, 67.090, 39.163



1, 4.472, 19.415

Inverse Universe

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



63, 8.479, 198.704



79, 12.758, 198.512



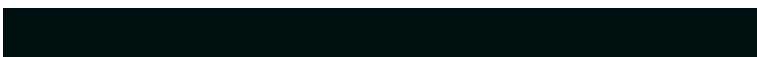
60, 7.666, 257.402



33, 3.338, 199.008



54, 32.538, 196.406



3, 4.472, 199.435

Previews

White Background



This preview shows how the CIELCh color 58, 9.297, 20.327 looks on a white background.

Color Contrast Check

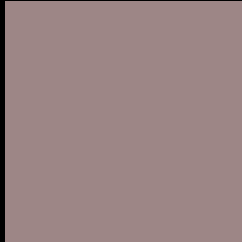
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.297, 20.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

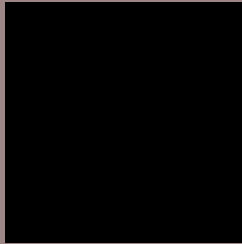
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 9.297, 20.327

Background



This preview shows how black text looks on a background with the CIELCh color 58, 9.297, 20.327.



This preview shows how white text looks on a background with the CIELCh color 58, 9.297, 20.327.

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, 9.297, 20.327

Protanopia

58, 1.932, 55.179

Deuteranopia

58, 8.091, 24.173



Tritanopia
58, 11.392, 350.841

Trichromacy



Original Color
58, 9.297, 20.327

Protanomaly
58, 4.416, 27.106

Deuteranomaly
58, 8.502, 24.022

Tritanomaly
58, 10.713, 358.866

Monochromacy



Original Color
58, 9.297, 20.327

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 3.563, 19.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 9.297, 20.327 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(157, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(157, 134, 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(157, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 134, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 9.297, 20.327 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(157, 134, 134) }
```

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

```
.border{ border-color:rgb(157, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(157, 134,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 9.297, 20.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 134, 134) }
```

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

```
.background{ background-color: rgb(157,  
134, 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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