

Converting Colors

CIELCh(58, 20.999, 103.827)

Have a look what the booklet for
CIELCh(58, 20.999, 103.827)
contains.

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Color

CIELCh(58, 20.829, 104.190)

Conversions

Conversions Part 1

Format	Color
Hex	908D68
RGB	144, 141, 104
RGB Percent	56%, 55%, 41%
CMY	0.4355, 0.4472, 0.5923
CMYK	0.00, 0.02, 0.28, 0.44
HSL	56°, 16%, 49%
HSV	56°, 28%, 56%
XYZ	23.5090, 25.9610, 16.8576
YIQ	137.6790, 13.6650, -10.8710

Conversions

Conversions Part 2

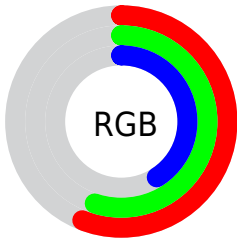
Format	Color
R_{YB}	107, 144, 104
Decimal	9473384
CIE _{Lab}	58.00, -5.11, 20.19
CIE _{LCh}	58, 20.829, 104.190
Yxy	25.9610, 0.3544, 0.3914
Android (android.graphics.Color)	4287663464 (0xFF908D68)
YUV	137.6790, -16.6037, 5.5435
Hunter-Lab	50.9519, -6.8067, 16.0501

Details

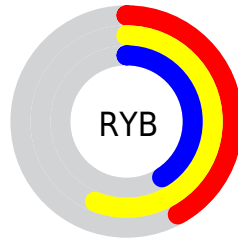
The CIELCh color $58, 20.829, 104.190$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $46, 21.988, 290.390$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 21.255, 105.002$, and $38, 21.126, 104.180$ is the 20% darker color. If you saturate the color by 10%, you get $57, 28.185, 103.178$, and if you desaturate by 10%, it is $59, 13.364, 105.210$.

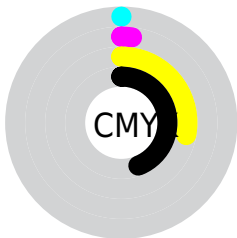
Distribution



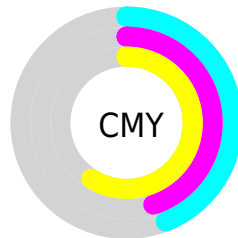
- Red (56%)
- Green (55%)
- Blue (41%)



- Red (42%)
- Yellow (56%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (28%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 20.829, 104.190 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, 20.829, 104.190 by changing the saturation by 10% instead.

 58, 20.829,
104.190


 58, 20.829,
104.190


 100, 20.829,
104.190


 48, 20.829,
104.190


 78, 20.829,
104.190

 38, 20.829,
104.190

 88, 20.829,
104.190

 28, 20.829,
104.190

 98, 20.829,
104.190

 18, 20.829,
104.190

 8, 20.829, 104.190

 0, 20.829, 104.190

■ 58, 20.829,
104.190

■ 58, 20.829,
104.190

■ 57, 28.185,
103.178

■ 59, 13.364,
105.210

■ 57, 35.325,
102.176

■ 59, 5.849, 106.209

■ 56, 42.088,
101.208

■ 60, 1.674, 287.250

■ 61, 9.181, 288.169

■ 56, 48.230,
100.296

■ 61, 16.655,
289.085

■ 56, 53.407, 99.463

■ 62, 24.086,
289.966

■ 55, 57.213, 98.727

■ 63, 31.467,
290.806

■ 55, 59.556, 98.082

■ 55, 60.048, 97.944

■ 64, 38.793,
291.604

■ 65, 46.060,
292.359

Harmonies

Complementary

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



58, 20.829, 104.190



46, 21.988, 290.390

Rectangle

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



58, 20.829, 104.190



58, 20.829, 154.190



58, 20.829, 284.190



58, 20.829, 334.190

Sweetspot

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



58, 20.830, 104.194



75, 7.414, 106.171



48, 17.148, 15.120



40, 5.312, 106.034



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 20.830, 104.194



73, 30.435, 103.594



58, 23.529, 124.768



30, 4.215, 106.072



52, 57.371, 97.974



2, 2.856, 106.987

Inverse Universe

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



46, 21.988, 290.390



56, 32.576, 291.319



47, 24.600, 307.568



28, 4.292, 287.963



15, 79.673, 304.987



0, 2.856, 286.990

Previews

White Background



This preview shows how the CIELCh color 58, 20.829, 104.190 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 CIELCh color 58, 20.829, 104.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

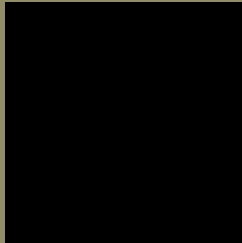
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

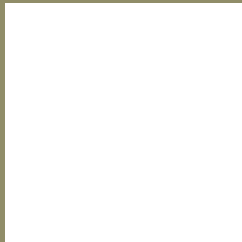
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 20.829, 104.190

Background



This preview shows how black text looks on a background with the CIELCh color 58, 20.829, 104.190.



This preview shows how white text looks on a background with the CIELCh color 58, 20.829, 104.190.

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, 20.829, 104.190

Protanopia

58, 20.748, 95.769

Deuteranopia

58, 21.185, 70.144



Tritanopia
58, 8.327, 331.578

Trichromacy



Original Color
58, 20.829, 104.190

Protanomaly
58, 21.034, 99.480

Deuteranomaly
58, 20.129, 82.551

Tritanomaly
58, 5.266, 59.788

Monochromacy



Original Color
58, 20.829, 104.190

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 7.373, 106.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 20.829, 104.190 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, 141, 104)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 104)  
}
```

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, 141, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 20.829, 104.190 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, 141, 104) }
```

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

```
.border{ border-color:rgb(144, 141, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 141, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 104);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 20.829, 104.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 104) }
```

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

```
.background{ background-color: rgb(144,  
141, 104) }
```

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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