

Converting Colors

CIELCh(58, 13.005, 43.491)

Have a look what the booklet for
CIELCh(58, 13.005, 43.491) contains.

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Color

CIELCh(58, 13.173, 43.093)

Conversions

Conversions Part 1

Format	Color
Hex	A2857C
RGB	162, 133, 124
RGB Percent	64%, 52%, 49%
CMY	0.3642, 0.4779, 0.5133
CMYK	0.00, 0.18, 0.23, 0.36
HSL	14°, 17%, 56%
HSV	14°, 23%, 64%
XYZ	26.9756, 25.9610, 22.6975
YIQ	140.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

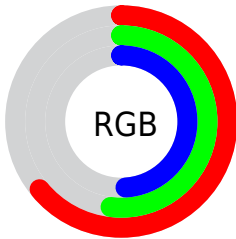
Format	Color
R_{YB}	162, 136, 124
Decimal	10651004
CIE Lab	58.00, 9.62, 9.00
CIE LCh	58, 13.173, 43.093
Yxy	25.9610, 0.3567, 0.3432
Android (android.graphics.Color)	4288841084 (0xFFA2857C)
YUV	140.6450, -8.2060, 18.7283
Hunter-Lab	50.9519, 5.3380, 9.2545

Details

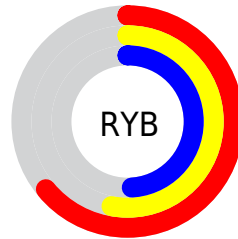
The CIELCh color $58, 13.173, 43.093$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $61, 11.355, 225.219$, and the grayscale version is $59, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 12.962, 41.876$, and $38, 13.453, 42.135$ is the 20% darker color. If you saturate the color by 10%, you get $54, 19.567, 42.984$, and if you desaturate by 10%, it is $62, 7.257, 43.318$.

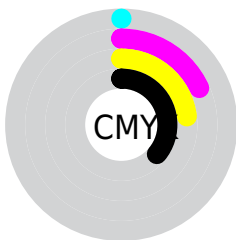
Distribution



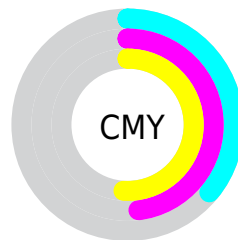
- Red (64%)
- Green (52%)
- Blue (49%)



- Red (64%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 13.173, 43.093 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, 13.173, 43.093 by changing the saturation by 10% instead.

 58, 13.173, 43.093

 58, 13.173, 43.093

 100, 13.173,
43.093

 48, 13.173, 43.093

 78, 13.173, 43.093

 38, 13.173, 43.093

 88, 13.173, 43.093

 28, 13.173, 43.093

 98, 13.173, 43.093

 18, 13.173, 43.093

 8, 13.173, 43.093

 0, 13.173, 43.093

 58, 13.173, 43.093

 58, 13.173, 43.093

 54, 19.567, 42.984

 62, 7.257, 43.318

 51, 26.463, 43.005

 65, 1.786, 43.458

48, 33.855, 43.194

69, 3.284, 224.247

45, 41.686, 43.565

73, 7.995, 224.608

42, 49.800, 44.087

77, 12.390,
225.060

39, 57.835, 44.620

81, 16.506,
225.543

37, 64.996, 44.781

36, 69.315, 45.029

84, 20.378,
226.039

88, 24.035,
226.539

92, 25.889,
210.128

Harmonies

Complementary

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



58, 13.173, 43.093



61, 11.355, 225.219

Rectangle

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



58, 13.173, 43.093



58, 13.173, 93.093



58, 13.173, 223.093



58, 13.173, 273.093

Sweetspot

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



58, 13.172, 43.102



82, 4.579, 43.460



57, 22.097, 333.225



43, 3.006, 43.450



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



58, 13.172, 43.102



72, 19.952, 43.027



63, 16.058, 93.282



33, 3.020, 43.417



32, 63.576, 45.124



2, 4.596, 41.181

Inverse Universe

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



61, 11.355, 225.219



77, 16.580, 225.648



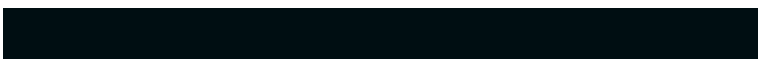
56, 16.248, 279.320



33, 2.861, 224.353



43, 29.569, 242.570



3, 4.486, 230.257

Previews

White Background



This preview shows how the CIELCh color 58, 13.173, 43.093 looks on a white background.

Color Contrast Check

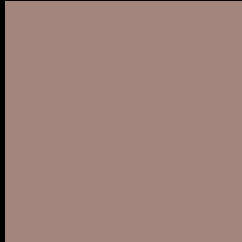
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.173, 43.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

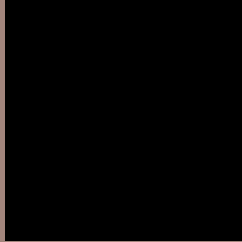
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 13.173, 43.093

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.173, 43.093.



This preview shows how white text looks on a background with the CIELCh color 58, 13.173, 43.093.

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, 13.173, 43.093

Protanopia

58, 7.208, 89.597

Deuteranopia

58, 11.885, 48.569



Tritanopia
58, 14.305, 357.743

Trichromacy



Original Color
58, 13.173, 43.093

Protanomaly
58, 8.483, 66.810

Deuteranomaly
58, 12.263, 47.651

Tritanomaly
58, 12.661, 13.076

Monochromacy



Original Color
58, 13.173, 43.093

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 4.708, 40.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.173, 43.093 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(162, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(162, 133, 124)  
}
```

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(162, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 133, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.173, 43.093 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(162, 133, 124) }
```

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

```
.border{ border-color:rgb(162, 133, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 133, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(162, 133,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.173, 43.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 133, 124) }
```

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

```
.background{ background-color: rgb(162,  
133, 124) }
```

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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