

Converting Colors

CIELCh(70, 20.279, 43.020)

Have a look what the booklet for
CIELCh(70, 20.279, 43.020) contains.

CIELCh(70, 20.010, 43.058)	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(70, 20.010, 43.058)

Conversions

Conversions Part 1

Format	Color
Hex	CEA193
RGB	206, 161, 147
RGB Percent	81%, 63%, 58%
CMY	0.1919, 0.3684, 0.4233
CMYK	0.00, 0.22, 0.29, 0.19
HSL	14°, 38%, 69%
HSV	14°, 29%, 81%
XYZ	43.4971, 40.7494, 33.2004
YIQ	172.8590, 31.3140, 5.1860

Conversions

Conversions Part 2

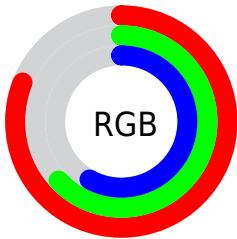
Format	Color
R _{YB}	206, 165, 147
Decimal	13541779
CIE Lab	70.00, 14.62, 13.66
CIE LCh	70, 20.010, 43.058
Yxy	40.7494, 0.3704, 0.3470
Android (android.graphics.Color)	4291731859 (0xFFCEA193)
YUV	172.8590, -12.7485, 29.0647
Hunter-Lab	63.8353, 9.9174, 13.8483

Details

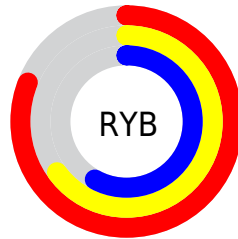
The CIELCh color **70, 20.010, 43.058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 16.556, 225.761**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.816, 47.678**, and **50, 20.342, 42.918** is the 20% darker color. If you saturate the color by 10%, you get **66, 28.131, 43.020**, and if you desaturate by 10%, it is **74, 12.498, 43.238**.

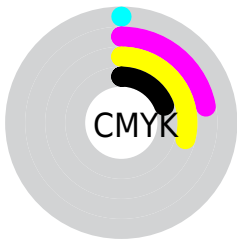
Distribution



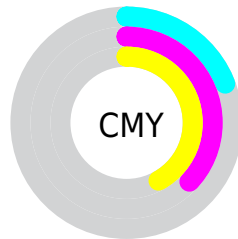
- Red (81%)
- Green (63%)
- Blue (58%)



- Red (81%)
- Yellow (65%)
- Blue (58%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 20.010, 43.058 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 70, 20.010, 43.058 by changing the saturation by 10% instead.

70, 20.010, 43.058

70, 20.010, 43.058

100, 20.010,
43.058

60, 20.010, 43.058

90, 20.010, 43.058

50, 20.010, 43.058

40, 20.010, 43.058

30, 20.010, 43.058

20, 20.010, 43.058

10, 20.010, 43.058

0, 20.010, 43.058

70, 20.010, 43.058

70, 20.010, 43.058

66, 28.131, 43.020

74, 12.498, 43.238

62, 36.874, 43.137

79, 5.562, 43.478

58, 46.198, 43.440

83, 0.850, 224.589

54, 55.965, 43.918

88, 6.791, 224.459

51, 65.840, 44.479

93, 12.316,
224.892

48, 75.053, 44.829

97, 16.232,
198.427

46, 82.372, 44.541

46, 83.331, 44.563

Harmonies

Complementary

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



70, 20.010, 43.058



75, 16.556, 225.761

Rectangle

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



70, 20.010, 43.058



70, 20.010, 93.058



70, 20.010, 223.058



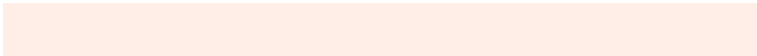
70, 20.010, 273.058

Sweetspot

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



70, 20.009, 43.065



95, 6.906, 43.467



68, 32.806, 333.619



50, 4.827, 43.432



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 20.009, 43.065



82, 28.925, 43.021



77, 23.920, 92.572



41, 3.635, 43.461



37, 70.487, 44.997



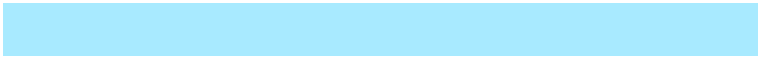
6, 15.719, 32.953

Inverse Universe

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



75, 16.556, 225.761



89, 22.891, 226.354



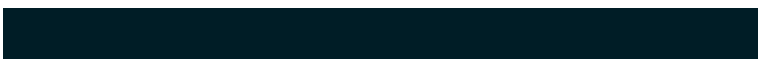
67, 24.287, 280.286



42, 3.438, 224.419



49, 32.649, 243.199



9, 11.765, 232.821

Previews

White Background



This preview shows how the CIELCh color 70, 20.010, 43.058 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 70, 20.010, 43.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

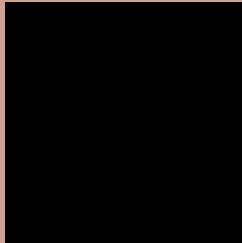
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.010, 43.058

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.010, 43.058.



This preview shows how white text looks on a background with the CIELCh color 70, 20.010, 43.058.

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

70, 20.010, 43.058

Protanopia

70, 10.816, 92.127

Deuteranopia

70, 16.735, 58.179



Tritanopia
70, 20.780, 3.185

Trichromacy



Original Color
70, 20.010, 43.058

Protanomaly
70, 12.836, 65.874

Deuteranomaly
70, 17.767, 53.656

Tritanomaly
70, 19.405, 16.415

Monochromacy



Original Color
70, 20.010, 43.058

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 6.768, 43.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.010, 43.058 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(206, 161, 147)` looks like.

```
.text, #text, p{  
    color:rgb(206, 161, 147)  
}
```

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(206, 161, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 161, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.010, 43.058 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(206, 161, 147) }
```

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

```
.border{ border-color:rgb(206, 161, 147) }
```

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

Here you see how a box with a 4 pixel rgb(206, 161, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 161, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 161, 147);  
box-shadow:4px 4px 4px 4px rgb(206, 161,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.010, 43.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 161, 147) }
```

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

```
.background{ background-color: rgb(206,  
161, 147) }
```

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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