

Converting Colors

CIELCh(71, 19.433, 59.125)

Have a look what the booklet for
CIELCh(71, 19.433, 59.125) contains.

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Color

CIELCh(71, 19.486, 59.839)

Conversions

Conversions Part 1

Format	Color
Hex	CBA790
RGB	203, 167, 144
RGB Percent	80%, 65%, 56%
CMY	0.2051, 0.3462, 0.4364
CMYK	0.00, 0.18, 0.29, 0.21
HSL	23°, 36%, 68%
HSV	23°, 29%, 79%
XYZ	43.3213, 42.1875, 32.1302
YIQ	175.1420, 28.8390, 0.4790

Conversions

Conversions Part 2

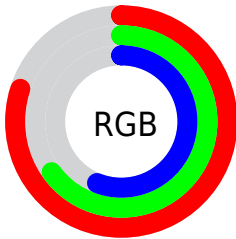
Format	Color
R _Y B	203, 182, 144
Decimal	13346704
CIE Lab	71.00, 9.79, 16.85
CIE LCh	71, 19.486, 59.839
Yxy	42.1875, 0.3683, 0.3586
Android (android.graphics.Color)	4291536784 (0xFFCBA790)
YUV	175.1420, -15.3530, 24.4315
Hunter-Lab	64.9519, 5.3891, 16.1369

Details

The CIELCh color $71, 19.486, 59.839$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 17.013, 246.562$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.766, 63.977$, and $51, 19.325, 59.145$ is the 20% darker color. If you saturate the color by 10%, you get $68, 27.070, 58.953$, and if you desaturate by 10%, it is $75, 12.375, 60.775$.

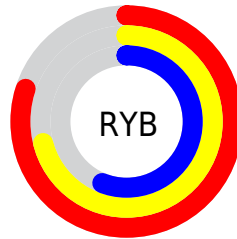
Distribution



Red (80%)

Green (65%)

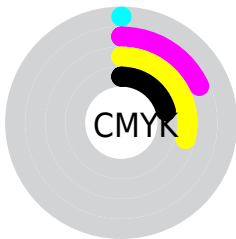
Blue (56%)



Red (80%)

Yellow (71%)

Blue (56%)

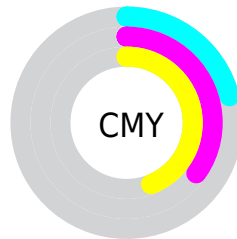


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 19.486, 59.839 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 71, 19.486, 59.839 by changing the saturation by 10% instead.

71, 19.486, 59.839

71, 19.486, 59.839

100, 19.486,
59.839

61, 19.486, 59.839

91, 19.486, 59.839

51, 19.486, 59.839

41, 19.486, 59.839

31, 19.486, 59.839

21, 19.486, 59.839

11, 19.486, 59.839

1, 19.486, 59.839

0, 19.486, 59.839

71, 19.486, 59.839

71, 19.486, 59.839

68, 27.070, 58.953

75, 12.375, 60.775

64, 35.133, 58.106

78, 5.708, 61.701

61, 43.630, 57.302

82, 0.556, 243.584

58, 52.417, 56.500

86, 6.458, 243.821

55, 61.140, 55.587

89, 12.040,
244.766

52, 69.056, 54.297

93, 14.355,
229.334

50, 75.294, 52.377

50, 75.858, 52.235

96, 16.700,
201.461

97, 17.276,
198.360

Harmonies

Complementary

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



71, 19.486, 59.839



71, 17.013, 246.562

Rectangle

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



71, 19.486, 59.839



71, 19.486, 109.839



71, 19.486, 239.839



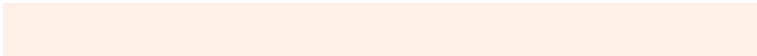
71, 19.486, 289.839

Sweetspot

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



71, 19.486, 59.847



96, 6.804, 61.699



66, 29.695, 340.185



51, 4.750, 61.566



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 19.486, 59.847



85, 28.846, 59.272



78, 27.677, 101.852



41, 3.581, 61.674



41, 65.013, 52.797



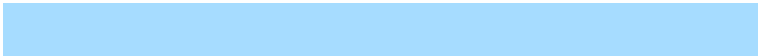
7, 14.694, 45.191

Inverse Universe

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



71, 17.013, 246.562



85, 24.336, 247.748



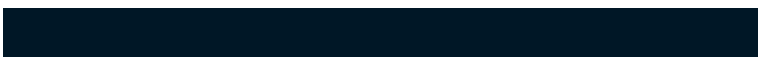
64, 29.139, 288.813



41, 3.446, 243.766



41, 41.563, 270.482



7, 13.196, 258.771

Previews

White Background



This preview shows how the CIELCh color 71, 19.486, 59.839 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 71, 19.486, 59.839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

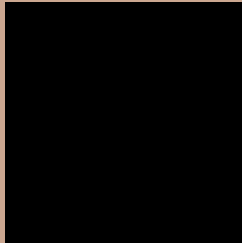
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.486, 59.839

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.486, 59.839.



This preview shows how white text looks on a background with the CIELCh color 71, 19.486, 59.839.

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





Tritanopia
71, 18.273, 358.461

Trichromacy



Original Color
71, 19.486, 59.839

Protanomaly
71, 15.646, 79.446

Deuteranomaly
71, 19.164, 60.623

Tritanomaly
71, 16.125, 20.827

Monochromacy



Original Color
71, 19.486, 59.839

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.647, 60.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.486, 59.839 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(203, 167, 144)` looks like.

```
.text, #text, p{  
    color:rgb(203, 167, 144)  
}
```

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(203, 167, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 167, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.486, 59.839 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(203, 167, 144) }
```

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

```
.border{ border-color:rgb(203, 167, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 167, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 167, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 167, 144);  
box-shadow:4px 4px 4px 4px rgb(203, 167,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.486, 59.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 167, 144) }
```

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

```
.background{ background-color: rgb(203,  
167, 144) }
```

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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