

Converting Colors

CIELCh(72, 20.136, 60.189)

Have a look what the booklet for
CIELCh(72, 20.136, 60.189) contains.

CIELCh(72, 20.136, 60.189)	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(72, 20.136, 60.189)

Conversions

Conversions Part 1

Format	Color
Hex	CEA991
RGB	206, 169, 145
RGB Percent	81%, 66%, 57%
CMY	0.1913, 0.3364, 0.4306
CMYK	0.00, 0.18, 0.30, 0.19
HSL	24°, 38%, 69%
HSV	24°, 30%, 81%
XYZ	44.8695, 43.6590, 32.9336
YIQ	177.3270, 29.7560, 0.3800

Conversions

Conversions Part 2

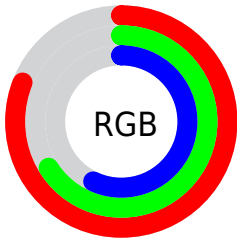
Format	Color
R _Y B	206, 185, 145
Decimal	13543825
CIE Lab	72.00, 10.01, 17.47
CIE LCh	72, 20.136, 60.189
Yxy	43.6590, 0.3694, 0.3594
Android (android.graphics.Color)	4291733905 (0xFFCEA991)
YUV	177.3270, -15.9372, 25.1462
Hunter-Lab	66.0750, 5.5827, 16.7007

Details

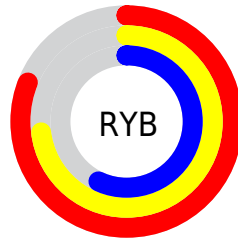
The CIELCh color **72, 20.136, 60.189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 17.564, 247.120**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.573, 66.860**, and **52, 20.428, 60.613** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.848, 59.289**, and if you desaturate by 10%, it is **76, 12.901, 61.138**.

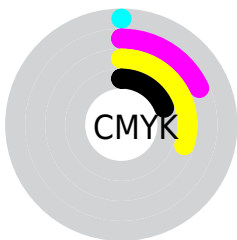
Distribution



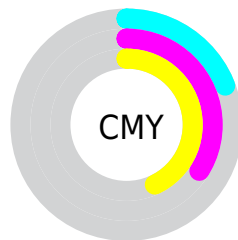
- Red (81%)
- Green (66%)
- Blue (57%)



- Red (81%)
- Yellow (73%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 20.136, 60.189 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 72, 20.136, 60.189 by changing the saturation by 10% instead.

 72, 20.136, 60.189

 72, 20.136, 60.189

 100, 20.136,
60.189

 62, 20.136, 60.189

 92, 20.136, 60.189

 52, 20.136, 60.189

 42, 20.136, 60.189

 32, 20.136, 60.189

 22, 20.136, 60.189

 12, 20.136, 60.189

 2, 20.136, 60.189

 0, 20.136, 60.189

 72, 20.136, 60.189

 72, 20.136, 60.189

68, 27.848, 59.289

76, 12.901, 61.138

65, 36.040, 58.425

79, 6.115, 62.080

62, 44.664, 57.600

83, 0.262, 244.904

59, 53.562, 56.771

87, 6.272, 244.220

56, 62.357, 55.817

91, 11.959,
245.173

53, 70.265, 54.461

94, 13.616,
222.778

51, 76.465, 52.488

51, 76.723, 52.421

97, 16.182,
198.430

Harmonies

Complementary

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



72, 20.136, 60.189



72, 17.564, 247.120

Rectangle

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



72, 20.136, 60.189



72, 20.136, 110.189



72, 20.136, 240.189



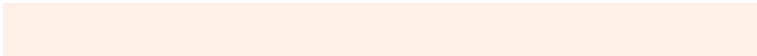
72, 20.136, 290.189

Sweetspot

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



72, 20.136, 60.197



96, 6.810, 62.124



67, 30.622, 340.233



51, 4.754, 61.989



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 20.136, 60.197



84, 29.775, 59.570



80, 28.538, 101.795



41, 3.584, 62.098



41, 64.888, 53.029



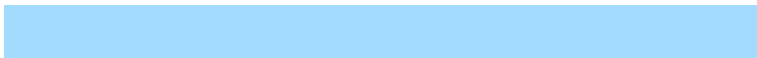
7, 14.675, 45.549

Inverse Universe

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



72, 17.564, 247.120



85, 25.037, 248.426



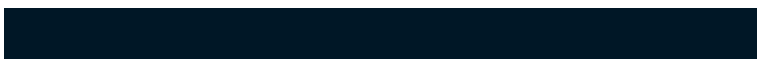
64, 30.078, 288.899



41, 3.451, 244.209



41, 41.858, 270.990



7, 13.253, 259.264

Previews

White Background



This preview shows how the CIELCh color 72, 20.136, 60.189 looks on a white background.

Color Contrast Check

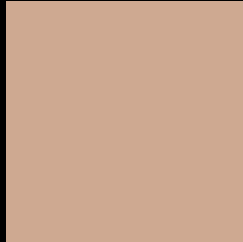
Large Text (above 18pt) WCAG AA × Fail

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 72, 20.136, 60.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

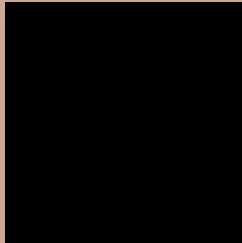
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 20.136, 60.189

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.136, 60.189.

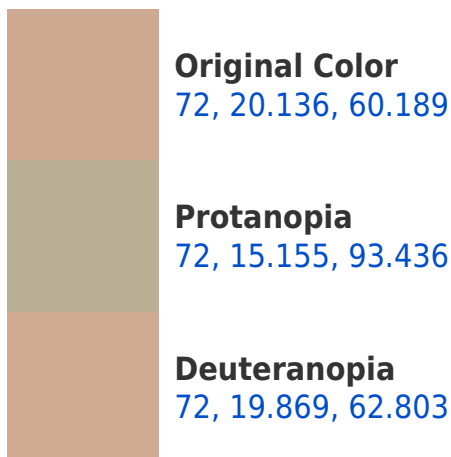


This preview shows how white text looks on a background with the CIELCh color 72, 20.136, 60.189.

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](#).

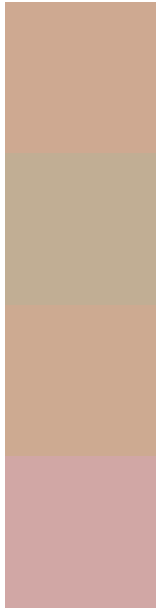
Dichromacy





Tritanopia
72, 18.410, 0.521

Trichromacy



Original Color
72, 20.136, 60.189

Protanomaly
72, 16.073, 80.339

Deuteranomaly
72, 19.869, 62.803

Tritanomaly
72, 16.585, 24.541

Monochromacy



Original Color
72, 20.136, 60.189

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 6.998, 63.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.136, 60.189 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, 169, 145)` looks like.

```
.text, #text, p{  
    color:rgb(206, 169, 145)  
}
```

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, 169, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 169, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.136, 60.189 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, 169, 145) }
```

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

```
.border{ border-color:rgb(206, 169, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 169, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 169, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 169, 145); box-shadow:4px 4px 4px 4px rgb(206, 169, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.136, 60.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 169, 145) }
```

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

```
.background{ background-color: rgb(206,  
169, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor