

Converting Colors

CIELCh(72, 20.804, 53.440)

Have a look what the booklet for
CIELCh(72, 20.804, 53.440) contains.

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Color

CIELCh(72, 20.777, 53.454)

Conversions

Conversions Part 1

Format	Color
Hex	D2A893
RGB	210, 168, 147
RGB Percent	82%, 66%, 58%
CMY	0.1776, 0.3422, 0.4246
CMYK	0.00, 0.20, 0.30, 0.18
HSL	20°, 41%, 70%
HSV	20°, 30%, 82%
XYZ	45.6910, 43.6590, 33.5107
YIQ	178.1640, 31.7730, 2.3730

Conversions

Conversions Part 2

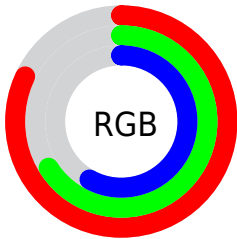
Format	Color
R _Y B	210, 179, 147
Decimal	13805715
CIE Lab	72.00, 12.37, 16.69
CIE LCh	72, 20.777, 53.454
Yxy	43.6590, 0.3719, 0.3554
Android (android.graphics.Color)	4291995795 (0xFFD2A893)
YUV	178.1640, -15.3639, 27.9202
Hunter-Lab	66.0750, 7.8019, 16.1829

Details

The CIELCh color $72, 20.777, 53.454$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 17.570, 239.144$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 16.715, 62.553$, and $52, 20.745, 54.268$ is the 20% darker color. If you saturate the color by 10%, you get $68, 28.747, 52.856$, and if you desaturate by 10%, it is $76, 13.356, 54.137$.

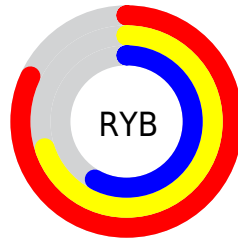
Distribution



Red (82%)

Green (66%)

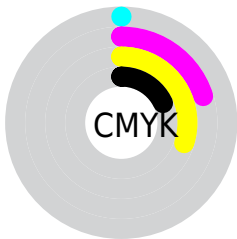
Blue (58%)



Red (82%)

Yellow (70%)

Blue (58%)

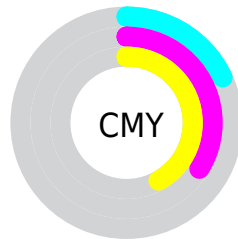


Cyan (0%)

Magenta (20%)

Yellow (30%)

Black (18%)



Cyan (18%)

Magenta (34%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 20.777, 53.454 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, 20.777, 53.454 by changing the saturation by 10% instead.

 72, 20.777, 53.454

 72, 20.777, 53.454

 100, 20.777,
53.454

 62, 20.777, 53.454

 92, 20.777, 53.454

 52, 20.777, 53.454

 42, 20.777, 53.454

 32, 20.777, 53.454

 22, 20.777, 53.454

 12, 20.777, 53.454

 2, 20.777, 53.454

 0, 20.777, 53.454

 72, 20.777, 53.454

 72, 20.777, 53.454

68, 28.747, 52.856

76, 13.356, 54.137

64, 37.278, 52.339

80, 6.450, 54.843

61, 46.323, 51.909

84, 0.017, 24.350

58, 55.727, 51.532

88, 6.002, 236.603

55, 65.107, 51.081

92, 11.646,
237.384

52, 73.625, 50.250

96, 14.016,
205.763

50, 80.363, 48.830

97, 15.092,
198.501

Harmonies

Complementary

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



72, 20.777, 53.454



74, 17.570, 239.144

Rectangle

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



72, 20.777, 53.454



72, 20.777, 103.454



72, 20.777, 233.454



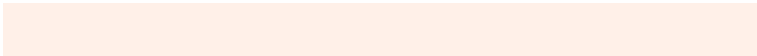
72, 20.777, 283.454

Sweetspot

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



72, 20.776, 53.462



96, 6.760, 54.907



68, 32.580, 337.929



50, 4.722, 54.806



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, 20.776, 53.462



83, 29.891, 53.066



80, 27.984, 98.934



42, 3.632, 54.886



40, 67.844, 49.382



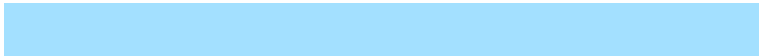
7, 16.568, 40.113

Inverse Universe

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



74, 17.570, 239.144



86, 24.252, 240.204



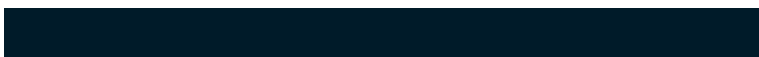
66, 29.213, 286.477



42, 3.467, 236.629



45, 37.808, 261.695



9, 13.066, 249.869

Previews

White Background



This preview shows how the CIELCh color 72, 20.777, 53.454 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, 20.777, 53.454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

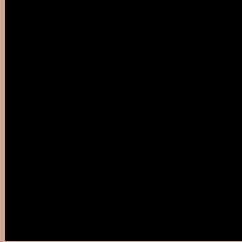
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 20.777, 53.454

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.777, 53.454.

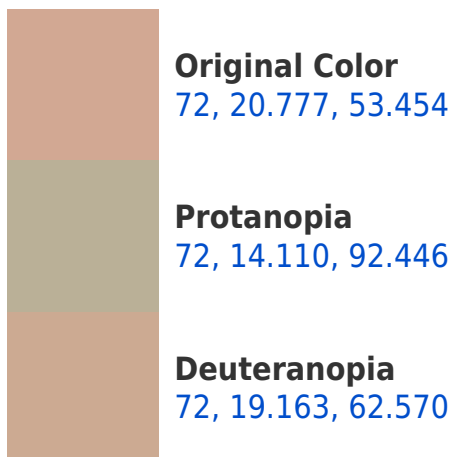


This preview shows how white text looks on a background with the CIELCh color 72, 20.777, 53.454.

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, 20.432, 1.263

Trichromacy



Original Color
72, 20.777, 53.454

Protanomaly
72, 15.798, 74.766

Deuteranomaly
72, 19.758, 59.105

Tritanomaly
72, 18.528, 21.043

Monochromacy



Original Color
72, 20.777, 53.454

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 7.255, 51.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.777, 53.454 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(210, 168, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 168, 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(210, 168, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 168, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.777, 53.454 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(210, 168, 147) }
```

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

```
.border{ border-color:rgb(210, 168, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 168, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 168,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.777, 53.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 168, 147) }
```

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

```
.background{ background-color: rgb(210,  
168, 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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