

Converting Colors

CIELCh(72, 20.770, 55.210)

Have a look what the booklet for
CIELCh(72, 20.770, 55.210) contains.

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Color

CIELCh(72, 20.770, 55.210)

Conversions

Conversions Part 1

Format	Color
Hex	D1A892
RGB	209, 168, 146
RGB Percent	82%, 66%, 57%
CMY	0.1802, 0.3410, 0.4273
CMYK	0.00, 0.20, 0.30, 0.18
HSL	21°, 41%, 70%
HSV	21°, 30%, 82%
XYZ	45.5088, 43.6590, 33.2393
YIQ	177.7510, 31.4980, 1.8500

Conversions

Conversions Part 2

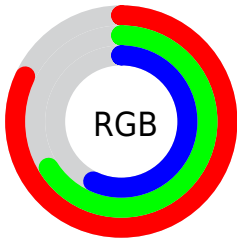
Format	Color
R _Y B	209, 180, 146
Decimal	13740178
CIE Lab	72.00, 11.85, 17.06
CIE LCh	72, 20.770, 55.210
Yxy	43.6590, 0.3718, 0.3567
Android (android.graphics.Color)	4291930258 (0xFFD1A892)
YUV	177.7510, -15.6532, 27.4054
Hunter-Lab	66.0750, 7.3097, 16.4264

Details

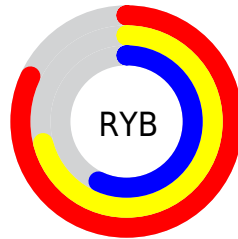
The CIELCh color **72, 20.770, 55.210** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 17.678, 241.322**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.089, 63.736**, and **52, 20.749, 56.114** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.684, 54.527**, and if you desaturate by 10%, it is **76, 13.388, 55.968**.

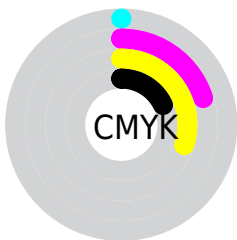
Distribution



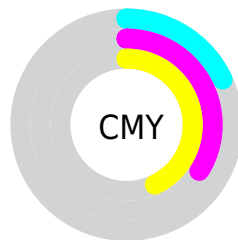
- Red (82%)
- Green (66%)
- Blue (57%)



- Red (82%)
- Yellow (71%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (18%)



- Cyan (18%)
- Magenta (34%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 20.770, 55.210 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, 20.770, 55.210 by changing the saturation by 10% instead.

 72, 20.770, 55.210

 72, 20.770, 55.210

 100, 20.770,
55.210

 62, 20.770, 55.210

 92, 20.770, 55.210

 52, 20.770, 55.210

 42, 20.770, 55.210

 32, 20.770, 55.210

 22, 20.770, 55.210

 12, 20.770, 55.210

 2, 20.770, 55.210

 0, 20.770, 55.210

 72, 20.770, 55.210

 72, 20.770, 55.210

68, 28.684, 54.527

76, 13.388, 55.968

65, 37.139, 53.913

80, 6.507, 56.743

61, 46.087, 53.373

84, 0.081, 51.565

58, 55.371, 52.867

88, 5.938, 238.614

55, 64.601, 52.268

92, 11.597,
239.444

52, 72.942, 51.272

96, 13.717,
210.183

50, 79.464, 49.709

97, 15.300,
198.487

Harmonies

Complementary

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



72, 20.770, 55.210



74, 17.678, 241.322

Rectangle

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



72, 20.770, 55.210



72, 20.770, 105.210



72, 20.770, 235.210



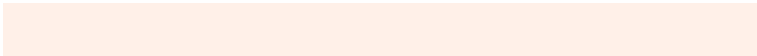
72, 20.770, 285.210

Sweetspot

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



72, 20.769, 55.218



96, 6.763, 56.820



68, 32.612, 337.937



50, 4.723, 56.710



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, 20.769, 55.218



83, 29.822, 54.776



80, 28.011, 98.923



42, 3.633, 56.797



40, 67.256, 50.269



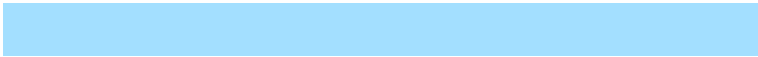
7, 16.437, 41.555

Inverse Universe

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



74, 17.678, 241.322



86, 24.411, 242.416



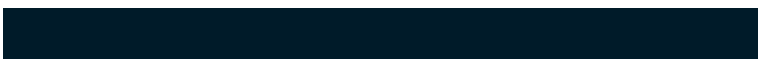
65, 29.247, 286.494



42, 3.476, 238.650



44, 38.909, 264.335



8, 13.285, 252.503

Previews

White Background



This preview shows how the CIELCh color 72, 20.770, 55.210 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, 20.770, 55.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

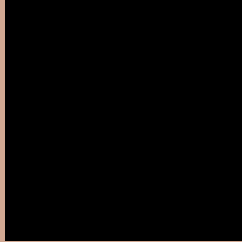
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 20.770, 55.210

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.770, 55.210.



This preview shows how white text looks on a background with the CIELCh color 72, 20.770, 55.210.

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

72, 20.770, 55.210

Protanopia

72, 14.632, 92.961

Deuteranopia

72, 19.474, 61.754



Tritanopia
72, 19.531, 1.883

Trichromacy



Original Color
72, 20.770, 55.210

Protanomaly
72, 15.567, 75.998

Deuteranomaly
72, 19.758, 59.105

Tritanomaly
72, 18.123, 21.005

Monochromacy



Original Color
72, 20.770, 55.210

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 7.245, 56.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.770, 55.210 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(209, 168, 146)` looks like.

```
.text, #text, p{  
    color:rgb(209, 168, 146)  
}
```

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(209, 168, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 168, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.770, 55.210 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(209, 168, 146) }
```

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

```
.border{ border-color:rgb(209, 168, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 168, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 168, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 168, 146);  
box-shadow:4px 4px 4px 4px rgb(209, 168,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.770, 55.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 168, 146) }
```

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

```
.background{ background-color: rgb(209,  
168, 146) }
```

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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