

Converting Colors

CIELCh(72, 10.248, 55.603)

Have a look what the booklet for
CIELCh(72, 10.248, 55.603) contains.

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Color

CIELCh(72, 10.526, 54.346)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACA1
RGB	194, 172, 161
RGB Percent	76%, 67%, 63%
CMY	0.2384, 0.3247, 0.3678
CMYK	0.00, 0.11, 0.17, 0.24
HSL	20°, 21%, 70%
HSV	20°, 17%, 76%
XYZ	43.5430, 43.6590, 39.9427
YIQ	177.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

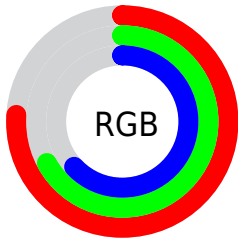
Format	Color
RYB	194, 178, 161
Decimal	12758177
CIELab	72.00, 6.14, 8.55
CIELCh	72, 10.526, 54.346
Yxy	43.6590, 0.3425, 0.3434
Android (android.graphics.Color)	4290948257 (0xFFC2ACA1)
YUV	177.3240, -8.0477, 14.6249
Hunter-Lab	66.0750, 1.9992, 10.4114

Details

The CIELCh color $72, 10.526, 54.346$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 9.636, 237.397$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.544, 52.290$, and $52, 10.667, 56.508$ is the 20% darker color. If you saturate the color by 10%, you get $68, 17.341, 53.672$, and if you desaturate by 10%, it is $76, 4.180, 55.048$.

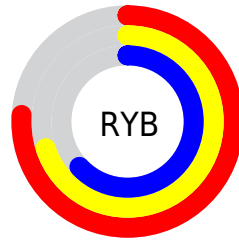
Distribution



Red (76%)

Green (67%)

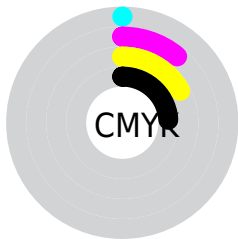
Blue (63%)



Red (76%)

Yellow (70%)

Blue (63%)

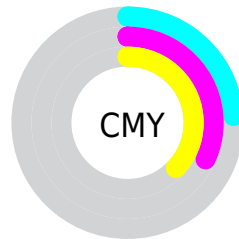


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 10.526, 54.346 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, 10.526, 54.346 by changing the saturation by 10% instead.

■ 72, 10.526, 54.346

■ 72, 10.526, 54.346

■ 100, 10.526,
54.346

■ 62, 10.526, 54.346

■ 92, 10.526, 54.346

■ 52, 10.526, 54.346

■ 42, 10.526, 54.346

■ 32, 10.526, 54.346

■ 22, 10.526, 54.346

■ 12, 10.526, 54.346

■ 2, 10.526, 54.346

■ 0, 10.526, 54.346

■ 72, 10.526, 54.346

■ 72, 10.526, 54.346

68, 17.341, 53.672

76, 4.180, 55.048

65, 24.662, 53.044

80, 1.742, 236.227

61, 32.507, 52.500

84, 7.285, 236.830

58, 40.855, 52.045

87, 12.493,
237.621

55, 49.603, 51.660

91, 16.508,
233.403

52, 58.485, 51.259

49, 66.892, 50.613

95, 18.277,
206.651

47, 73.768, 49.318

96, 19.851,
198.197

46, 75.738, 49.010

Harmonies

Complementary

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



72, 10.526, 54.346



73, 9.636, 237.397

Rectangle

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



72, 10.526, 54.346



72, 10.526, 104.346



72, 10.526, 234.346



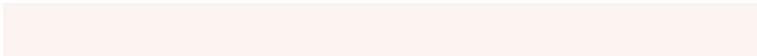
72, 10.526, 284.346

Sweetspot

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



72, 10.526, 54.359



97, 3.670, 55.153



70, 17.266, 336.867



52, 2.531, 55.117



0, 0.000, 0.000



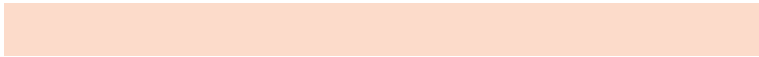
53, 0.007, 296.813

Same Dimension

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



72, 10.526, 54.359



90, 15.512, 54.126



76, 14.861, 100.445



39, 3.410, 54.894



38, 65.469, 49.516



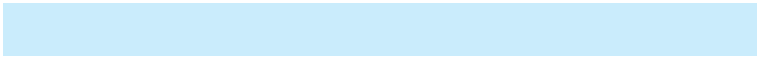
5, 11.749, 41.755

Inverse Universe

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



73, 9.636, 237.397



91, 13.930, 237.787



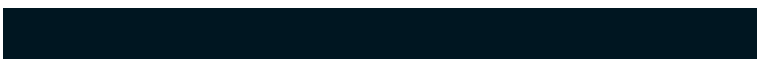
69, 15.204, 284.432



39, 3.257, 236.624



43, 36.456, 261.491



6, 10.826, 250.390

Previews

White Background



This preview shows how the CIELCh color 72, 10.526, 54.346 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, 10.526, 54.346 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, 10.526, 54.346

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.526, 54.346.



This preview shows how white text looks on a background with the CIELCh color 72, 10.526, 54.346.

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, 10.526, 54.346

Protanopia

72, 7.539, 88.385

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 12.712, 346.841

Trichromacy



Original Color
72, 10.526, 54.346

Protanomaly
72, 8.453, 75.869

Deuteranomaly
72, 11.353, 45.483

Tritanomaly
72, 10.191, 8.013

Monochromacy



Original Color
72, 10.526, 54.346

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.722, 55.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.526, 54.346 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(194, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 161)  
}
```

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(194, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.526, 54.346 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(194, 172, 161) }
```

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

```
.border{ border-color:rgb(194, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.526, 54.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 161) }
```

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

```
.background{ background-color: rgb(194,  
172, 161) }
```

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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