

Converting Colors

CIELCh(71, 13.986, 20.285)

Have a look what the booklet for
CIELCh(71, 13.986, 20.285) contains.

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Color

CIELCh(71, 14.095, 20.632)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5A5
RGB	201, 165, 165
RGB Percent	79%, 65%, 65%
CMY	0.2107, 0.3519, 0.3519
CMYK	0.00, 0.18, 0.18, 0.21
HSL	0°, 25%, 72%
HSV	0°, 18%, 79%
XYZ	44.4800, 42.1875, 41.5216
YIQ	175.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

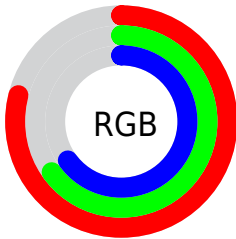
Format	Color
RYB	201, 165, 165
Decimal	13215141
CIELab	71.00, 13.19, 4.97
CIELCh	71, 14.095, 20.632
Yxy	42.1875, 0.3470, 0.3291
Android (android.graphics.Color)	4291405221 (0xFFC9A5A5)
YUV	175.7640, -5.3067, 22.1320
Hunter-Lab	64.9519, 8.5735, 7.5642

Details

The CIELCh color $71, 14.095, 20.632$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.549, 198.517$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.899, 20.288$, and $51, 13.929, 21.024$ is the 20% darker color. If you saturate the color by 10%, you get $66, 22.830, 21.656$, and if you desaturate by 10%, it is $77, 5.977, 19.814$.

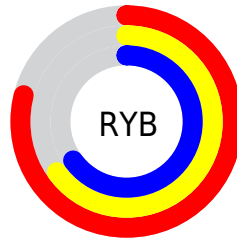
Distribution



Red (79%)

Green (65%)

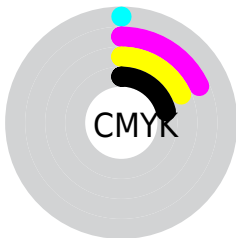
Blue (65%)



Red (79%)

Yellow (65%)

Blue (65%)

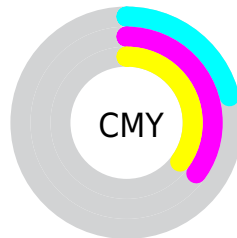


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 14.095, 20.632 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, 14.095, 20.632 by changing the saturation by 10% instead.

 71, 14.095, 20.632

 71, 14.095, 20.632

 100, 14.095,
20.632

 61, 14.095, 20.632

 91, 14.095, 20.632

 51, 14.095, 20.632

 41, 14.095, 20.632

 31, 14.095, 20.632

 21, 14.095, 20.632

 11, 14.095, 20.632

 1, 14.095, 20.632

 0, 14.095, 20.632

 71, 14.095, 20.632

 71, 14.095, 20.632

66, 22.830, 21.656

77, 5.977, 19.814

60, 32.154, 22.971

82, 1.533, 199.668

56, 41.959, 24.687

88, 8.479, 198.899

51, 52.047, 26.915

94, 14.914,
198.495

48, 62.120, 29.738

96, 17.711,
198.332

45, 71.763, 33.116

43, 80.260, 36.657

42, 86.300, 39.431

42, 87.504, 40.001

Harmonies

Complementary

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



71, 14.095, 20.632



79, 12.549, 198.517

Rectangle

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



71, 14.095, 20.632



71, 14.095, 70.632



71, 14.095, 200.632



71, 14.095, 250.632

Sweetspot

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



71, 14.093, 20.640



97, 4.538, 19.576



72, 23.603, 325.407



51, 3.105, 19.640



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, 14.093, 20.640



86, 20.310, 20.958



76, 11.984, 73.203



39, 4.278, 19.932



34, 74.643, 39.778



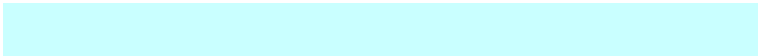
3, 15.884, 19.411

Inverse Universe

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



79, 12.549, 198.517



96, 17.655, 198.346



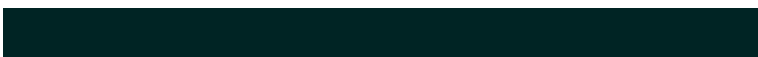
74, 11.441, 257.946



41, 4.034, 198.989



61, 35.882, 196.404



12, 12.982, 196.400

Previews

White Background



This preview shows how the CIELCh color 71, 14.095, 20.632 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, 14.095, 20.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

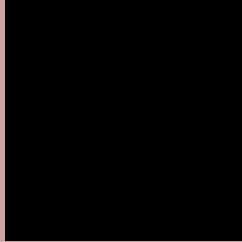
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 14.095, 20.632

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.095, 20.632.



This preview shows how white text looks on a background with the CIELCh color 71, 14.095, 20.632.

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

71, 14.095, 20.632

Protanopia

71, 2.489, 60.263

Deuteranopia

71, 10.267, 29.323



Tritanopia
71, 16.266, 357.347

Trichromacy



Original Color
71, 14.095, 20.632

Protanomaly
71, 6.244, 29.860

Deuteranomaly
71, 11.772, 25.654

Tritanomaly
71, 15.270, 4.321

Monochromacy



Original Color
71, 14.095, 20.632

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.952, 19.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.095, 20.632 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(201, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 165)  
}
```

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(201, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.095, 20.632 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(201, 165, 165) }
```

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

```
.border{ border-color:rgb(201, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.095, 20.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 165) }
```

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

```
.background{ background-color: rgb(201,  
165, 165) }
```

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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