

Converting Colors

CIELCh(64, 21.468, 20.306)

Have a look what the booklet for
CIELCh(64, 21.468, 20.306) contains.

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Color

CIELCh(64, 21.565, 20.112)

Conversions

Conversions Part 1

Format	Color
Hex	C38E8F
RGB	195, 142, 143
RGB Percent	76%, 56%, 56%
CMY	0.2365, 0.4442, 0.4403
CMYK	0.00, 0.27, 0.27, 0.24
HSL	359°, 31%, 66%
HSV	359°, 27%, 76%
XYZ	36.9985, 32.8017, 30.2593
YIQ	157.9610, 31.2670, 11.5470

Conversions

Conversions Part 2

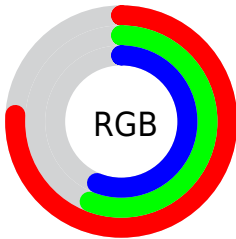
Format	Color
R _Y B	195, 142, 143
Decimal	12816015
CIE Lab	64.00, 20.25, 7.42
CIE LCh	64, 21.565, 20.112
Yxy	32.8017, 0.3698, 0.3278
Android (android.graphics.Color)	4291006095 (0xFFC38E8F)
YUV	157.9610, -7.3758, 32.4832
Hunter-Lab	57.2727, 15.0846, 8.7658

Details

The CIELCh color **64, 21.565, 20.112** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 18.076, 196.328**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 21.351, 19.680**, and **44, 21.643, 19.334** is the 20% darker color. If you saturate the color by 10%, you get **59, 30.530, 21.447**, and if you desaturate by 10%, it is **69, 13.141, 19.076**.

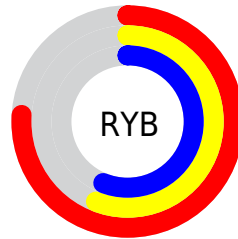
Distribution



Red (76%)

Green (56%)

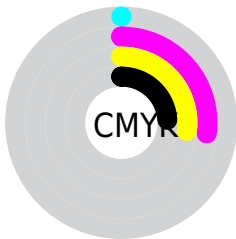
Blue (56%)



Red (76%)

Yellow (56%)

Blue (56%)

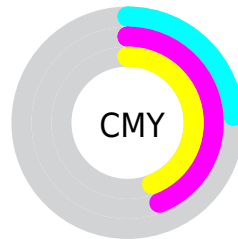


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 21.565, 20.112 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 64, 21.565, 20.112 by changing the saturation by 10% instead.

64, 21.565, 20.112

64, 21.565, 20.112

100, 21.565,
20.112

54, 21.565, 20.112

84, 21.565, 20.112

44, 21.565, 20.112

94, 21.565, 20.112

34, 21.565, 20.112

24, 21.565, 20.112

14, 21.565, 20.112

4, 21.565, 20.112

0, 21.565, 20.112

64, 21.565, 20.112

64, 21.565, 20.112

59, 30.530, 21.447

69, 13.141, 19.076

■ 54, 39.939, 23.168

■ 75, 5.299, 18.213

■ 50, 49.600, 25.391

■ 80, 1.974, 197.952

■ 46, 59.234, 28.217

■ 86, 8.716, 197.231

■ 44, 68.480, 31.647

■ 91, 14.975,
196.791

■ 42, 76.790, 35.397

■ 96, 19.703,
198.206

■ 41, 83.038, 38.570

■ 41, 84.520, 39.277

Harmonies

Complementary

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



64, 21.565, 20.112



75, 18.076, 196.328

Rectangle

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



64, 21.565, 20.112



64, 21.565, 70.112



64, 21.565, 200.112



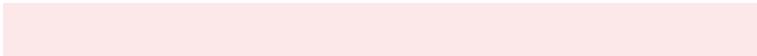
64, 21.565, 250.112

Sweetspot

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



64, 21.563, 20.117



94, 7.288, 18.291



65, 34.619, 324.958



49, 5.252, 18.419



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 21.563, 20.117



77, 33.021, 20.916



70, 17.861, 68.515



38, 4.186, 18.395



33, 72.982, 38.965



3, 14.005, 18.375

Inverse Universe

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



64, 21.563, 20.117



77, 33.021, 20.916



68, 16.331, 255.753



38, 4.186, 18.395



33, 72.982, 38.965



3, 14.005, 18.375

Previews

White Background



This preview shows how the CIELCh color 64, 21.565, 20.112 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 CIE LCh color 64, 21.565, 20.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

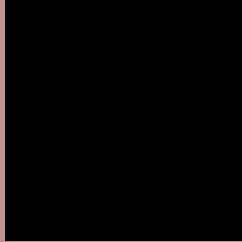
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 21.565, 20.112

Background



This preview shows how black text looks on a background with the CIELCh color 64, 21.565, 20.112.



This preview shows how white text looks on a background with the CIELCh color 64, 21.565, 20.112.

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

64, 21.565, 20.112

Protanopia

64, 3.169, 80.407

Deuteranopia

64, 11.685, 45.419



Tritanopia
64, 23.056, 6.636

Trichromacy



Original Color
64, 21.565, 20.112

Protanomaly
64, 8.910, 30.896

Deuteranomaly
64, 14.903, 31.386

Tritanomaly
64, 22.382, 11.845

Monochromacy



Original Color
64, 21.565, 20.112

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 7.460, 20.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 21.565, 20.112 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(195, 142, 143)` looks like.

```
.text, #text, p{  
    color:rgb(195, 142, 143)  
}
```

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(195, 142, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 142, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 21.565, 20.112 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(195, 142, 143) }
```

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

```
.border{ border-color:rgb(195, 142, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 142, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 142, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 142, 143);  
box-shadow:4px 4px 4px 4px rgb(195, 142,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 21.565, 20.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 142, 143) }
```

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

```
.background{ background-color: rgb(195,  
142, 143) }
```

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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