

Converting Colors

CIELCh(63, 21.311, 21.887)

Have a look what the booklet for
CIELCh(63, 21.311, 21.887) contains.

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Color

CIELCh(63, 21.296, 21.561)

Conversions

Conversions Part 1

Format	Color
Hex	BF8B8B
RGB	191, 139, 139
RGB Percent	75%, 55%, 55%
CMY	0.2493, 0.4533, 0.4534
CMYK	0.00, 0.27, 0.27, 0.25
HSL	0°, 29%, 65%
HSV	0°, 27%, 75%
XYZ	35.5717, 31.5869, 28.7985
YIQ	154.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

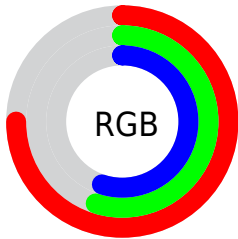
Format	Color
RYB	191, 139, 139
Decimal	12553099
CIELab	63.00, 19.81, 7.83
CIELCh	63, 21.296, 21.561
Yxy	31.5869, 0.3707, 0.3292
Android (android.graphics.Color)	4290743179 (0xFFBF8B8B)
YUV	154.5480, -7.6652, 31.9684
Hunter-Lab	56.2022, 14.6229, 8.9608

Details

The CIELCh color **63, 21.296, 21.561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 17.743, 198.073**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 21.120, 22.473**, and **43, 20.976, 22.344** is the 20% darker color. If you saturate the color by 10%, you get **58, 30.202, 22.849**, and if you desaturate by 10%, it is **68, 12.953, 20.573**.

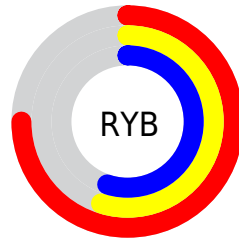
Distribution



Red (75%)

Green (55%)

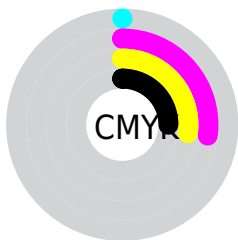
Blue (55%)



Red (75%)

Yellow (55%)

Blue (55%)

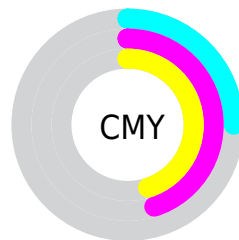


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 21.296, 21.561 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 63, 21.296, 21.561 by changing the saturation by 10% instead.

63, 21.296, 21.561

63, 21.296, 21.561

100, 21.296,
21.561

53, 21.296, 21.561

83, 21.296, 21.561

43, 21.296, 21.561

93, 21.296, 21.561

33, 21.296, 21.561

23, 21.296, 21.561

13, 21.296, 21.561

3, 21.296, 21.561

0, 21.296, 21.561

63, 21.296, 21.561

63, 21.296, 21.561

58, 30.202, 22.849

68, 12.953, 20.573

■ 53, 39.582, 24.521

■ 74, 5.206, 19.757

■ 49, 49.252, 26.691

■ 79, 1.963, 199.543

■ 46, 58.938, 29.449

■ 85, 8.596, 198.869

■ 43, 68.257, 32.772

■ 90, 14.743,
198.475

■ 41, 76.572, 36.319

■ 96, 20.460,
198.168

■ 40, 82.661, 39.204

■ 40, 84.285, 40.001

■ 96, 20.679,
198.145

Harmonies

Complementary

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



63, 21.296, 21.561



74, 17.743, 198.073

Rectangle

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



63, 21.296, 21.561



63, 21.296, 71.561



63, 21.296, 201.561



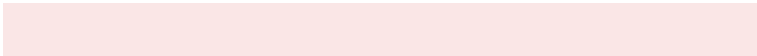
63, 21.296, 251.561

Sweetspot

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



63, 21.294, 21.566



93, 7.228, 19.833



65, 34.423, 325.905



49, 5.166, 19.952



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 21.294, 21.566



77, 32.859, 22.342



70, 17.862, 72.066



38, 4.187, 19.931



33, 73.726, 39.725



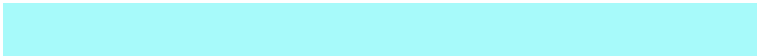
3, 13.998, 19.412

Inverse Universe

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



74, 17.743, 198.073



93, 26.093, 197.796



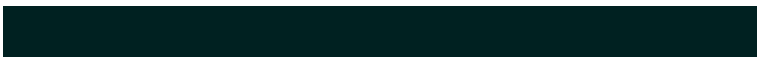
67, 16.592, 259.547



40, 3.948, 198.992



60, 35.468, 196.406



11, 12.442, 196.408

Previews

White Background



This preview shows how the CIELCh color 63, 21.296, 21.561 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 63, 21.296, 21.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

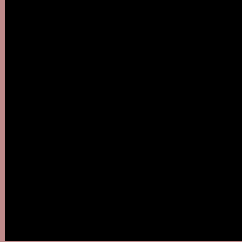
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 21.296, 21.561

Background



This preview shows how black text looks on a background with the CIELCh color 63, 21.296, 21.561.



This preview shows how white text looks on a background with the CIELCh color 63, 21.296, 21.561.

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

63, 21.296, 21.561

Protanopia

63, 3.861, 79.249

Deuteranopia

63, 11.737, 45.409



Tritanopia
63, 22.331, 6.021

Trichromacy



Original Color
63, 21.296, 21.561

Protanomaly
63, 9.349, 30.474

Deuteranomaly
63, 14.970, 31.401

Tritanomaly
63, 21.632, 11.408

Monochromacy



Original Color
63, 21.296, 21.561

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 7.490, 20.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 21.296, 21.561 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(191, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 139, 139)  
}
```

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(191, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 139, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 21.296, 21.561 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(191, 139, 139) }
```

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

```
.border{ border-color:rgb(191, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 139, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 139, 139); box-shadow:4px 4px 4px 4px rgb(191, 139, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 21.296, 21.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 139, 139) }
```

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

```
.background{ background-color: rgb(191,  
139, 139) }
```

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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