

Converting Colors

CIELCh(72, 15.685, 20.746)

Have a look what the booklet for
CIELCh(72, 15.685, 20.746) contains.

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Color

CIELCh(72, 15.663, 20.765)

Conversions

Conversions Part 1

Format	Color
Hex	CFA7A7
RGB	207, 167, 167
RGB Percent	81%, 65%, 65%
CMY	0.1885, 0.3453, 0.3453
CMYK	0.00, 0.19, 0.19, 0.19
HSL	0°, 29%, 73%
HSV	0°, 19%, 81%
XYZ	46.4913, 43.6590, 42.5064
YIQ	178.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

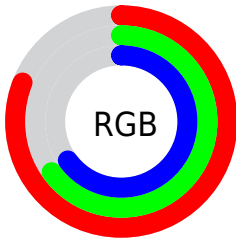
Format	Color
R _Y B	207, 167, 167
Decimal	13608871
CIE Lab	72.00, 14.65, 5.55
CIE LCh	72, 15.663, 20.765
Yxy	43.6590, 0.3505, 0.3291
Android (android.graphics.Color)	4291798951 (0xFFCFA7A7)
YUV	178.9600, -5.8963, 24.5911
Hunter-Lab	66.0750, 9.9638, 8.1109

Details

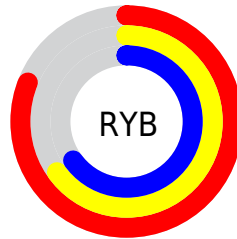
The CIELCh color $72, 15.663, 20.765$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 13.802, 198.440$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.124, 20.222$, and $52, 15.609, 21.205$ is the 20% darker color. If you saturate the color by 10%, you get $67, 24.690, 21.829$, and if you desaturate by 10%, it is $78, 7.267, 19.928$.

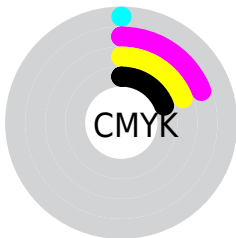
Distribution



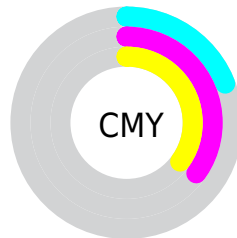
- Red (81%)
- Green (65%)
- Blue (65%)



- Red (81%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (19%)
- Black (19%)



- Cyan (19%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 15.663, 20.765 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, 15.663, 20.765 by changing the saturation by 10% instead.

72, 15.663, 20.765

72, 15.663, 20.765

100, 15.663,
20.765

62, 15.663, 20.765

92, 15.663, 20.765

52, 15.663, 20.765

42, 15.663, 20.765

32, 15.663, 20.765

22, 15.663, 20.765

12, 15.663, 20.765

2, 15.663, 20.765

0, 15.663, 20.765

72, 15.663, 20.765

72, 15.663, 20.765

67, 24.690, 21.829

78, 7.267, 19.928

61, 34.309, 23.200

83, 0.502, 200.509

56, 44.398, 24.990

89, 7.685, 198.966

52, 54.736, 27.309

95, 14.337,
198.543

49, 65.002, 30.232

97, 15.960,
198.445

46, 74.742, 33.681

44, 83.131, 37.176

43, 88.951, 39.820

43, 89.340, 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.



72, 15.663, 20.765



80, 13.802, 198.440

Rectangle

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



72, 15.663, 20.765



72, 15.663, 70.765



72, 15.663, 200.765



72, 15.663, 250.765

Sweetspot

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



72, 15.661, 20.772



96, 5.467, 19.664



73, 26.086, 325.487



51, 3.636, 19.719



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, 15.661, 20.772



84, 22.419, 21.158



77, 13.286, 73.023



41, 4.459, 19.934



35, 76.454, 39.865



4, 20.017, 19.471

Inverse Universe

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



80, 13.802, 198.440



96, 19.206, 198.246



75, 12.631, 258.184



43, 4.203, 198.983



62, 36.708, 196.400



14, 14.037, 196.398

Previews

White Background



This preview shows how the CIELCh color 72, 15.663, 20.765 looks on a white background.

Color Contrast Check

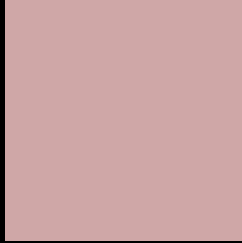
Large Text (above 18pt) WCAG AA × Fail

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, 15.663, 20.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

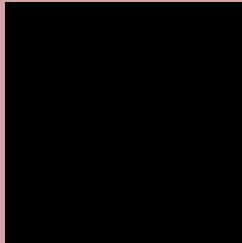
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 15.663, 20.765

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.663, 20.765.



This preview shows how white text looks on a background with the CIELCh color 72, 15.663, 20.765.

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, 15.663, 20.765

Protanopia

72, 2.865, 68.488

Deuteranopia

72, 10.890, 34.568



Tritanopia
72, 17.857, 357.898

Trichromacy



Original Color
72, 15.663, 20.765

Protanomaly
72, 6.729, 33.823

Deuteranomaly
72, 12.327, 30.457

Tritanomaly
72, 16.747, 6.003

Monochromacy



Original Color
72, 15.663, 20.765

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.320, 19.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.663, 20.765 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(207, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(207, 167, 167)  
}
```

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(207, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.663, 20.765 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(207, 167, 167) }
```

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

```
.border{ border-color:rgb(207, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(207, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.663, 20.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 167, 167) }
```

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

```
.background{ background-color: rgb(207,  
167, 167) }
```

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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