

Converting Colors

CIELCh(70, 20.717, 352.181)

Have a look what the booklet for
CIELCh(70, 20.717, 352.181)
contains.

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Color

CIELCh(70, 20.984, 351.962)

Conversions

Conversions Part 1

Format	Color
Hex	CE9EB1
RGB	206, 158, 177
RGB Percent	81%, 62%, 69%
CMY	0.1922, 0.3804, 0.3059
CMYK	0.00, 0.23, 0.14, 0.19
HSL	336°, 33%, 71%
HSV	336°, 23%, 81%
XYZ	45.6158, 40.7494, 47.0557
YIQ	174.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

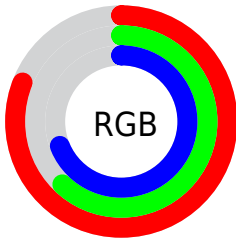
Format	Color
R _Y B	206, 158, 177
Decimal	13541041
CIE Lab	70.00, 20.78, -2.93
CIE LCh	70, 20.984, 351.962
Yxy	40.7494, 0.3419, 0.3054
Android (android.graphics.Color)	4291731121 (0xFFCE9EB1)
YUV	174.5180, 1.2236, 27.6097
Hunter-Lab	63.8353, 15.8420, 0.9795

Details

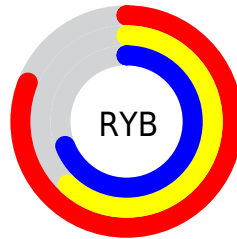
The CIELCh color $70, 20.984, 351.962$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 20.027, 167.485$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.354, 346.403$, and $50, 21.003, 352.398$ is the 20% darker color. If you saturate the color by 10%, you get $65, 30.251, 353.212$, and if you desaturate by 10%, it is $75, 11.817, 350.874$.

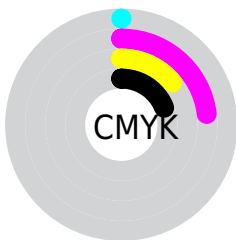
Distribution



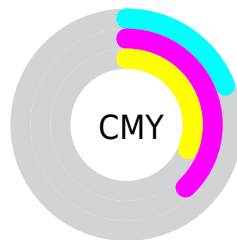
- Red (81%)
- Green (62%)
- Blue (69%)



- Red (81%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (38%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.984, 351.962 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 70, 20.984, 351.962 by changing the saturation by 10% instead.


 70, 20.984,
351.962


 70, 20.984,
351.962


 100, 20.984,
351.962


 60, 20.984,
351.962


 90, 20.984,
351.962

 50, 20.984,
351.962

 40, 20.984,
351.962

 30, 20.984,
351.962

 20, 20.984,
351.962

 10, 20.984,
351.962

 0, 20.984, 351.962

70, 20.984,
351.962

70, 20.984,
351.962

65, 30.251,
353.212

75, 11.817,
350.874

60, 39.410,
354.677

81, 2.887, 349.809

87, 5.738, 169.201

55, 48.142,
356.441

92, 14.030,
168.393

52, 56.030,
358.617

96, 18.718,
172.650

48, 62.621, 1.353

97, 16.483,
192.457

46, 67.550, 4.826

44, 70.750, 9.194

97, 16.252,
198.426

44, 72.327, 12.508

Harmonies

Complementary

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



70, 20.984, 351.962



79, 20.027, 167.485

Rectangle

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



70, 20.984, 351.962



70, 20.984, 41.962



70, 20.984, 171.962



70, 20.984, 221.962

Sweetspot

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



70, 20.982, 351.965



95, 7.325, 350.238



69, 28.377, 313.493



50, 4.764, 350.301



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 20.982, 351.965



82, 30.137, 352.571



71, 17.449, 29.416



40, 4.970, 350.474



35, 61.425, 11.608



4, 19.062, 359.774

Inverse Universe

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



70, 20.982, 351.965



82, 30.137, 352.571



78, 14.862, 208.388



40, 4.970, 350.474



35, 61.425, 11.608



4, 19.062, 359.774

Previews

White Background



This preview shows how the CIELCh color 70, 20.984, 351.962 looks on a white background.

Color Contrast Check

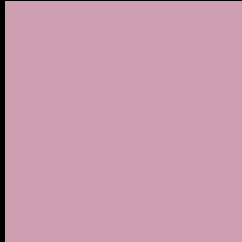
Large Text (above 18pt) WCAG AA × Fail

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 70, 20.984, 351.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

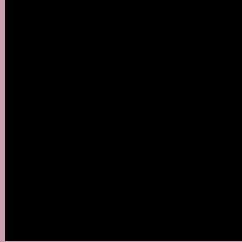
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.984, 351.962

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.984, 351.962.



This preview shows how white text looks on a background with the CIELCh color 70, 20.984, 351.962.

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


70, 20.984, 351.962

Protanopia

70, 7.688, 293.664

Deuteranopia

70, 9.055, 347.330



Tritanopia
70, 18.899, 1.061

Trichromacy



Original Color
70, 20.984, 351.962

Protanomaly
70, 10.654, 329.950

Deuteranomaly
70, 13.435, 348.792

Tritanomaly
70, 19.229, 357.970

Monochromacy



Original Color
70, 20.984, 351.962

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.498, 349.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.984, 351.962 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(206, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 158, 177)  
}
```

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(206, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 158, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.984, 351.962 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(206, 158, 177) }
```

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

```
.border{ border-color:rgb(206, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 158,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.984, 351.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 158, 177) }
```

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

```
.background{ background-color: rgb(206,  
158, 177) }
```

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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