

Converting Colors

CIELCh(70, 8.832, 20.130)

Have a look what the booklet for
CIELCh(70, 8.832, 20.130) contains.

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Color

CIELCh(70, 8.904, 20.141)

Conversions

Conversions Part 1

Format	Color
Hex	BDA6A6
RGB	189, 166, 166
RGB Percent	74%, 65%, 65%
CMY	0.2595, 0.3497, 0.3497
CMYK	0.00, 0.12, 0.12, 0.26
HSL	0°, 15%, 70%
HSV	0°, 12%, 74%
XYZ	41.4109, 40.7494, 41.6734
YIQ	172.8770, 13.7080, 4.8760

Conversions

Conversions Part 2

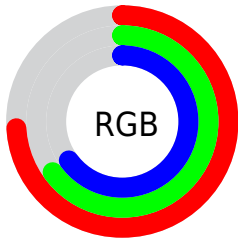
Format	Color
R_{YB}	189, 166, 166
Decimal	12428966
CIE _{Lab}	70.00, 8.36, 3.07
CIE _{LCh}	70, 8.904, 20.141
Yxy	40.7494, 0.3344, 0.3291
Android (android.graphics.Color)	4290619046 (0xFFBDA6A6)
YUV	172.8770, -3.3904, 14.1399
Hunter-Lab	63.8353, 4.0840, 5.9786

Details

The CIELCh color $70, 8.904, 20.141$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.244, 198.829$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 8.773, 19.965$, and $50, 8.750, 20.385$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.856, 21.037$, and if you desaturate by 10%, it is $75, 1.532, 19.202$.

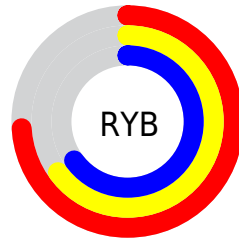
Distribution



Red (74%)

Green (65%)

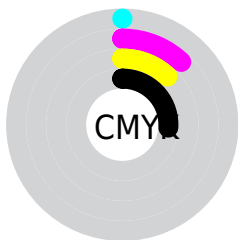
Blue (65%)



Red (74%)

Yellow (65%)

Blue (65%)

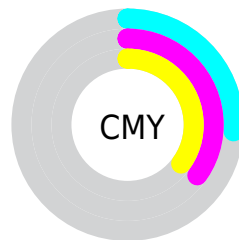


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 8.904, 20.141 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, 8.904, 20.141 by changing the saturation by 10% instead.

 70, 8.904, 20.141  70, 8.904, 20.141

 100, 8.904, 20.141  60, 8.904, 20.141

 90, 8.904, 20.141  50, 8.904, 20.141

 40, 8.904, 20.141


 30, 8.904, 20.141

 20, 8.904, 20.141

 10, 8.904, 20.141

 0, 8.904, 20.141

 70, 8.904, 20.141  70, 8.904, 20.141

 65, 16.856, 21.037  75, 1.532, 19.202

60, 25.390, 22.162

81, 5.286, 199.126

55, 34.447, 23.623

86, 11.599,
198.659

51, 43.893, 25.526

92, 17.460,
198.314

47, 53.504, 27.977

44, 62.960, 31.027

96, 21.448,
198.097

41, 71.796, 34.532

40, 79.094, 37.875

39, 83.428, 40.002

Harmonies

Complementary

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



70, 8.904, 20.141



75, 8.244, 198.829

Rectangle

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



70, 8.904, 20.141



70, 8.904, 70.141



70, 8.904, 200.141



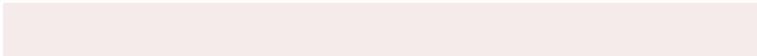
70, 8.904, 250.141

Sweetspot

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



70, 8.903, 20.153



94, 3.498, 19.477



71, 15.219, 325.087



49, 2.492, 19.553



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 8.903, 20.153



87, 13.704, 20.405



73, 7.639, 73.901



37, 4.095, 19.929



32, 72.801, 39.666



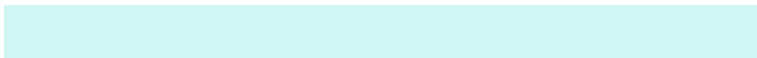
3, 12.250, 19.413

Inverse Universe

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



75, 8.244, 198.829



94, 12.432, 198.662



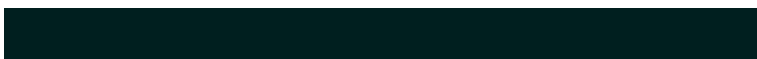
72, 7.416, 257.073



39, 3.863, 198.995



59, 35.053, 196.408



9, 11.661, 196.756

Previews

White Background



This preview shows how the CIELCh color 70, 8.904, 20.141 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 70, 8.904, 20.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

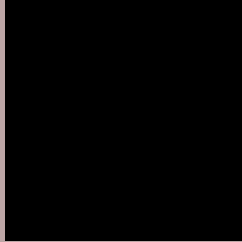
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 8.904, 20.141

Background



This preview shows how black text looks on a background with the CIELCh color 70, 8.904, 20.141.



This preview shows how white text looks on a background with the CIELCh color 70, 8.904, 20.141.

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, 8.904, 20.141

Protanopia

70, 2.181, 49.343

Deuteranopia

70, 9.299, 20.179



Tritanopia
70, 12.153, 344.778

Trichromacy



Original Color
70, 8.904, 20.141

Protanomaly
70, 4.626, 26.463

Deuteranomaly
70, 9.299, 20.179

Tritanomaly
70, 10.501, 355.812

Monochromacy



Original Color
70, 8.904, 20.141

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 3.423, 19.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 8.904, 20.141 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(189, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 166)  
}
```

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(189, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 8.904, 20.141 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(189, 166, 166) }
```

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

```
.border{ border-color:rgb(189, 166, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 8.904, 20.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 166) }
```

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

```
.background{ background-color: rgb(189,  
166, 166) }
```

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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