

Converting Colors

CIELCh(70, 6.183, 95.062)

Have a look what the booklet for
CIELCh(70, 6.183, 95.062) contains.

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Color

CIELCh(70, 6.183, 95.062)

Conversions

Conversions Part 1

Format	Color
Hex	AFABA0
RGB	175, 171, 160
RGB Percent	69%, 67%, 63%
CMY	0.3139, 0.3296, 0.3727
CMYK	0.00, 0.02, 0.09, 0.31
HSL	44°, 9%, 66%
HSV	44°, 9%, 69%
XYZ	38.5603, 40.7494, 39.0668
YIQ	170.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

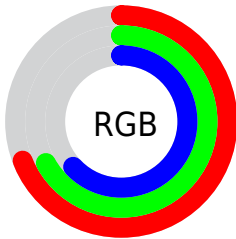
Format	Color
RYB	165, 175, 160
Decimal	11512736
CIELab	70.00, -0.55, 6.16
CIELCh	70, 6.183, 95.062
Yxy	40.7494, 0.3257, 0.3442
Android (android.graphics.Color)	4289702816 (0xFFAFABA0)
YUV	170.9420, -5.3944, 3.5589
Hunter-Lab	63.8353, -3.8870, 8.3996

Details

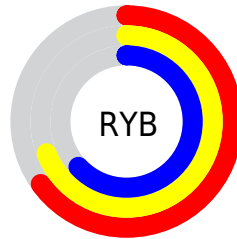
The CIELCh color **70, 6.183, 95.062** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.222, 277.192**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.964, 91.863**, and **50, 6.048, 93.406** is the 20% darker color. If you saturate the color by 10%, you get **68, 13.498, 93.882**, and if you desaturate by 10%, it is **72, 1.032, 276.448**.

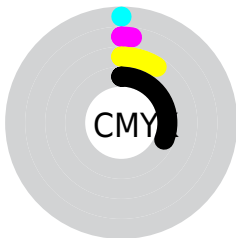
Distribution



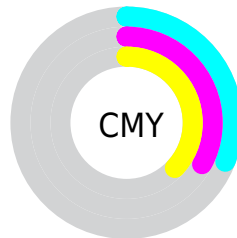
- Red (69%)
- Green (67%)
- Blue (63%)



- Red (65%)
- Yellow (69%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 6.183, 95.062 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, 6.183, 95.062 by changing the saturation by 10% instead.

70, 6.183, 95.062

70, 6.183, 95.062

100, 6.183, 95.062

60, 6.183, 95.062

90, 6.183, 95.062

50, 6.183, 95.062

40, 6.183, 95.062

30, 6.183, 95.062

20, 6.183, 95.062

10, 6.183, 95.062

0, 6.183, 95.062

70, 6.183, 95.062

70, 6.183, 95.062

68, 13.498, 93.882

72, 1.032, 276.448

67, 20.892, 92.637

73, 8.143, 277.421

65, 28.323, 91.356

75, 15.150,
278.485

64, 35.712, 90.042

77, 22.056,
279.506

62, 42.911, 88.693

61, 49.662, 87.293

79, 28.865,
280.478

59, 55.541, 85.805

80, 30.511,
278.616

58, 59.949, 84.153

57, 62.561, 82.268

81, 28.391,
274.165

83, 26.465,
269.074

84, 24.773,
263.285

Harmonies

Complementary

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



70, 6.183, 95.062



67, 6.222, 277.192

Rectangle

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



70, 6.183, 95.062



70, 6.183, 145.062



70, 6.183, 275.062



70, 6.183, 325.062

Sweetspot

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



70, 6.184, 95.078



90, 2.657, 95.676



67, 6.176, 359.042



48, 2.033, 95.600



96, 0.011, 296.813



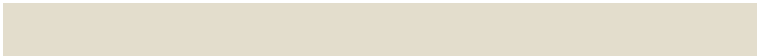
48, 0.006, 296.813

Same Dimension

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



70, 6.184, 95.078



88, 8.926, 94.891



71, 8.275, 118.738



36, 4.057, 94.994



49, 56.351, 82.295



5, 7.813, 89.600

Inverse Universe

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



67, 6.222, 277.192



84, 8.983, 277.400



67, 8.428, 299.833



34, 4.082, 277.285



23, 71.662, 299.396



2, 9.019, 279.344

Previews

White Background



This preview shows how the CIELCh color 70, 6.183, 95.062 looks on a white background.

Color Contrast Check

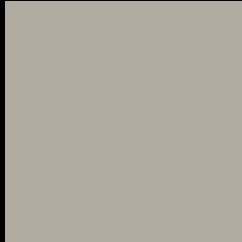
Large Text (above 18pt) WCAG AA × Fail

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, 6.183, 95.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

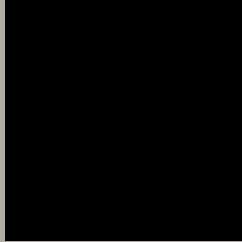
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

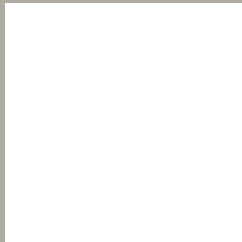
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 6.183, 95.062

Background



This preview shows how black text looks on a background with the CIELCh color 70, 6.183, 95.062.



This preview shows how white text looks on a background with the CIELCh color 70, 6.183, 95.062.

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, 6.183, 95.062

Protanopia

70, 6.080, 83.089

Deuteranopia

70, 10.432, 32.248



Tritanopia
70, 8.073, 318.165

Trichromacy



Original Color
70, 6.183, 95.062

Protanomaly
70, 5.918, 86.479

Deuteranomaly
70, 7.747, 44.824

Tritanomaly
70, 3.749, 343.917

Monochromacy



Original Color
70, 6.183, 95.062

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.206, 100.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 6.183, 95.062 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(175, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 171, 160)  
}
```

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(175, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 171, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 6.183, 95.062 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(175, 171, 160) }
```

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

```
.border{ border-color:rgb(175, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 171,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 6.183, 95.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 171, 160) }
```

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

```
.background{ background-color: rgb(175,  
171, 160) }
```

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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