

Converting Colors

CIELCh(66, 6.690, 327.451)

Have a look what the booklet for
CIELCh(66, 6.690, 327.451) contains.

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Color

CIELCh(66, 6.969, 327.332)

Conversions

Conversions Part 1

Format	Color
Hex	A89DA7
RGB	168, 157, 167
RGB Percent	66%, 62%, 65%
CMY	0.3404, 0.3835, 0.3443
CMYK	0.00, 0.07, 0.01, 0.34
HSL	305°, 6%, 64%
HSV	305°, 7%, 66%
XYZ	35.2739, 35.3238, 41.6141
YIQ	161.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

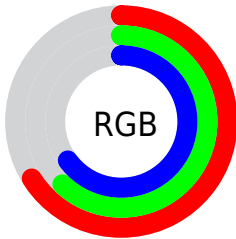
Format	Color
RYB	168, 157, 167
Decimal	11050407
CIELab	66.00, 5.87, -3.76
CIELCh	66, 6.969, 327.332
Yxy	35.3238, 0.3144, 0.3148
Android (android.graphics.Color)	4289240487 (0xFFA89DA7)
YUV	161.4290, 2.7465, 5.7628
Hunter-Lab	59.4338, 1.9304, 0.0903

Details

The CIELCh color $66, 6.969, 327.332$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 6.950, 146.653$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 6.604, 327.235$, and $46, 6.741, 327.716$ is the 20% darker color. If you saturate the color by 10%, you get $62, 17.711, 327.924$, and if you desaturate by 10%, it is $71, 3.641, 146.878$.

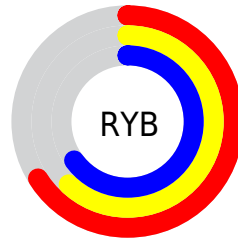
Distribution



Red (66%)

Green (62%)

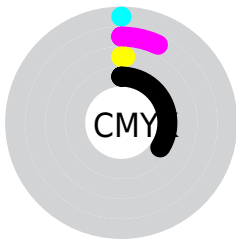
Blue (65%)



Red (66%)

Yellow (62%)

Blue (65%)

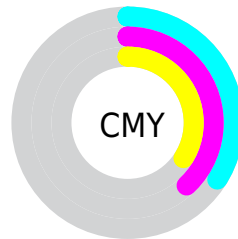


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.969, 327.332 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 66, 6.969, 327.332 by changing the saturation by 10% instead.

■ 66, 6.969, 327.332

■ 66, 6.969, 327.332

■ 100, 6.969,
327.332

■ 56, 6.969, 327.332

■ 86, 6.969, 327.332

■ 46, 6.969, 327.332

■ 96, 6.969, 327.332

■ 36, 6.969, 327.332

■ 26, 6.969, 327.332

■ 16, 6.969, 327.332

■ 6, 6.969, 327.332

■ 0, 6.969, 327.332

■ 66, 6.969, 327.332

■ 66, 6.969, 327.332

■ 62, 17.711,

■ 71, 3.641, 146.878

327.924

75, 14.025,
146.288

57, 28.449,
328.503

80, 24.136,
145.761

53, 38.973,
329.077

84, 33.948,
145.263

50, 48.994,
329.636

89, 43.457,
144.792

47, 58.140,
330.174

93, 50.863,
144.523

44, 65.987,
330.683

93, 50.236,
145.040

42, 72.116,
331.160

93, 49.611,
145.569

40, 76.223,
331.609

93, 48.988,
146.111

39, 78.301,
332.042

Harmonies

Complementary

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



66, 6.969, 327.332



68, 6.950, 146.653

Rectangle

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



66, 6.969, 327.332



66, 6.969, 17.332



66, 6.969, 147.332



66, 6.969, 197.332

Sweetspot

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



66, 6.967, 327.333



86, 2.640, 327.002



65, 6.133, 294.016



46, 1.499, 326.988



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



66, 6.967, 327.333



83, 10.586, 327.430



66, 4.938, 348.891



33, 6.041, 327.499



34, 71.779, 332.144



2, 10.710, 328.026

Inverse Universe

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



66, 6.967, 327.333



83, 10.586, 327.430



68, 4.874, 167.916



33, 6.041, 327.499



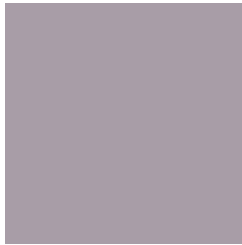
34, 71.779, 332.144



2, 10.710, 328.026

Previews

White Background



This preview shows how the CIELCh color 66, 6.969, 327.332 looks on a white background.

Color Contrast Check

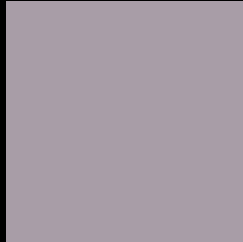
Large Text (above 18pt) WCAG AA × Fail

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 66, 6.969, 327.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

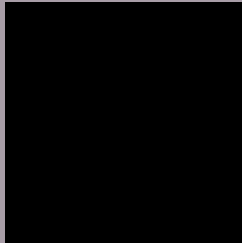
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 6.969, 327.332

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.969, 327.332.



This preview shows how white text looks on a background with the CIELCh color 66, 6.969, 327.332.

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


66, 6.969, 327.332

Protanopia

66, 5.611, 298.396

Deuteranopia

66, 9.296, 334.675



Tritanopia
66, 8.084, 324.796

Trichromacy



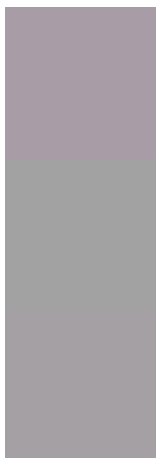
Original Color
66, 6.969, 327.332

Protanomaly
66, 6.018, 312.704

Deuteranomaly
66, 8.784, 331.033

Tritanomaly
66, 7.636, 327.139

Monochromacy



Original Color
66, 6.969, 327.332

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.705, 324.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.969, 327.332 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(168, 157, 167)` looks like.

```
.text, #text, p{  
    color:rgb(168, 157, 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(168, 157, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 157, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.969, 327.332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

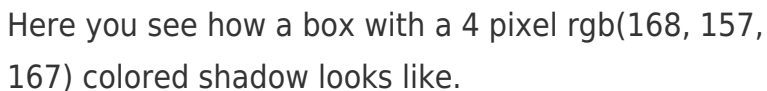
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 157, 167) }
```

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

```
.border{ border-color:rgb(168, 157, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 157, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 157, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 157, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 157,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.969, 327.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 157, 167) }
```

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

```
.background{ background-color: rgb(168,  
157, 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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