

Converting Colors

CIELCh(67, 10.564, 227.537)

Have a look what the booklet for
CIELCh(67, 10.564, 227.537)
contains.

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Color

CIELCh(67, 10.588, 230.377)

Conversions

Conversions Part 1

Format	Color
Hex	8DA7B1
RGB	141, 167, 177
RGB Percent	55%, 65%, 69%
CMY	0.4458, 0.3438, 0.3046
CMYK	0.20, 0.06, 0.00, 0.30
HSL	197°, 19%, 62%
HSV	197°, 20%, 70%
XYZ	32.8831, 36.6320, 47.1013
YIQ	160.3660, -18.7060, -2.4020

Conversions

Conversions Part 2

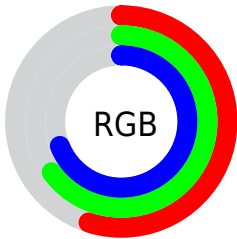
Format	Color
RYB	141, 156, 177
Decimal	9283505
CIELab	67.00, -6.75, -8.16
CIELCh	67, 10.588, 230.377
Yxy	36.6320, 0.2820, 0.3141
Android (android.graphics.Color)	4287473585 (0xFF8DA7B1)
YUV	160.3660, 8.2006, -16.9840
Hunter-Lab	60.5244, -8.9378, -3.7737

Details

The CIELCh color `67, 10.588, 230.377` is a light color, and the websafe version is hex `999999`. A complement of this color would be `65, 11.941, 47.730`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 10.707, 231.575`, and `47, 10.499, 229.240` is the 20% darker color. If you saturate the color by 10%, you get `65, 15.353, 231.446`, and if you desaturate by 10%, it is `70, 5.506, 229.562`.

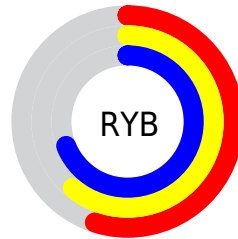
Distribution



Red (55%)

Green (65%)

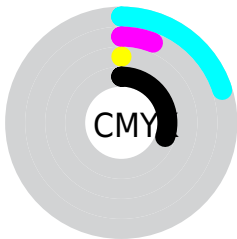
Blue (69%)



Red (55%)

Yellow (61%)

Blue (69%)

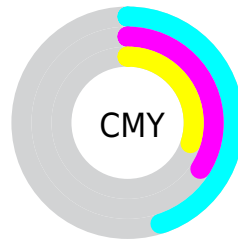


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (45%)


Magenta (34%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 10.588, 230.377 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 67, 10.588, 230.377 by changing the saturation by 10% instead.


 67, 10.588,
230.377


 67, 10.588,
230.377


 100, 10.588,
230.377


 57, 10.588,
230.377


 87, 10.588,
230.377

 47, 10.588,
230.377

 97, 10.588,
230.377

 37, 10.588,
230.377

 27, 10.588,
230.377

 17, 10.588,
230.377

 7, 10.588, 230.377

 0, 10.588, 230.377

67, 10.588,
230.377

67, 10.588,
230.377

65, 15.353,
231.446

70, 5.506, 229.562

62, 19.734,
232.837

72, 0.171, 231.588

75, 5.361, 48.228

60, 23.666,
234.613

78, 11.040, 47.887

58, 27.096,
236.859

81, 16.827, 47.608

83, 22.686, 47.394

56, 29.997,
239.664

85, 24.850, 51.388

54, 32.387,
243.108

86, 24.708, 58.415

88, 24.948, 65.403

52, 34.343,
247.233

50, 36.029,

251.688

Harmonies

Complementary

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



67, 10.588, 230.377



65, 11.941, 47.730

Rectangle

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



67, 10.588, 230.377



67, 10.588, 280.377



67, 10.588, 50.377



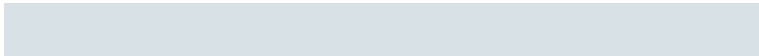
67, 10.588, 100.377

Sweetspot

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



67, 10.588, 230.369



89, 3.989, 229.324



69, 19.972, 151.507



47, 2.640, 229.353



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 10.588, 230.369



83, 15.261, 230.777



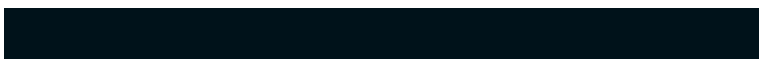
62, 15.691, 281.011



36, 3.048, 229.499



44, 32.175, 251.058



5, 7.533, 241.090

Inverse Universe

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



63, 19.948, 334.764



77, 29.105, 335.064



69, 15.435, 95.945



35, 5.558, 333.983



34, 64.137, 342.992



2, 12.434, 337.592

Previews

White Background



This preview shows how the CIELCh color 67, 10.588, 230.377 looks on a white background.

Color Contrast Check

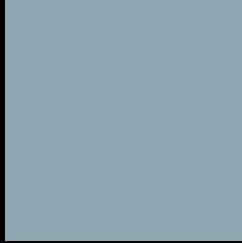
Large Text (above 18pt) WCAG AA × Fail

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 67, 10.588, 230.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

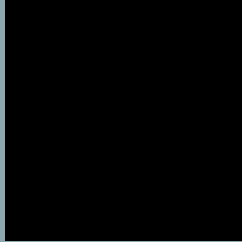
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

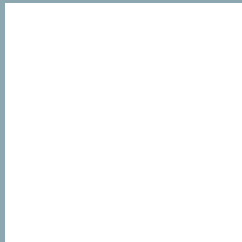
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 10.588, 230.377

Background



This preview shows how black text looks on a background with the CIELCh color 67, 10.588, 230.377.



This preview shows how white text looks on a background with the CIELCh color 67, 10.588, 230.377.

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





Tritanopia
67, 11.176, 239.020

Trichromacy



Original Color
67, 10.588, 230.377

Protanomaly
67, 7.011, 259.593

Deuteranomaly
67, 9.411, 288.943

Tritanomaly
67, 10.865, 236.607

Monochromacy



Original Color
67, 10.588, 230.377

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.971, 233.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 10.588, 230.377 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(141, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(141, 167, 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(141, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 167, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 10.588, 230.377 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(141, 167, 177) }
```

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

```
.border{ border-color:rgb(141, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 167, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 167, 177); box-shadow:4px 4px 4px 4px rgb(141, 167, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 10.588, 230.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 167, 177) }
```

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

```
.background{ background-color: rgb(141,  
167, 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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