

Converting Colors

CIELCh(67, 32.381, 244.368)

Have a look what the booklet for
CIELCh(67, 32.381, 244.368)
contains.

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Color

CIELCh(67, 32.388, 244.289)

Conversions

Conversions Part 1

Format	Color
Hex	55ADD7
RGB	85, 173, 215
RGB Percent	33%, 68%, 84%
CMY	0.6675, 0.3223, 0.1576
CMYK	0.61, 0.20, 0.00, 0.16
HSL	199°, 62%, 59%
HSV	199°, 61%, 84%
XYZ	30.8742, 36.6320, 69.6003
YIQ	151.4760, -65.9300, -5.5940

Conversions

Conversions Part 2

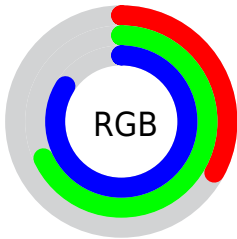
Format	Color
R _Y B	85, 137, 215
Decimal	5615063
CIE Lab	67.00, -14.05, -29.18
CIE LCh	67, 32.388, 244.289
Yxy	36.6320, 0.2252, 0.2672
Android (android.graphics.Color)	4283805143 (0xFF55ADD7)
YUV	151.4760, 31.3173, -58.2995
Hunter-Lab	60.5244, -14.8625, -25.8138

Details

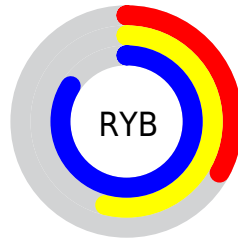
The CIELCh color **67, 32.388, 244.289** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **62, 47.883, 50.933**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.946, 228.712**, and **47, 31.987, 244.393** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.128, 247.553**, and if you desaturate by 10%, it is **70, 28.129, 241.631**.

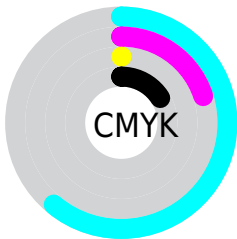
Distribution



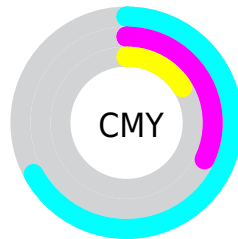
- Red (33%)
- Green (68%)
- Blue (84%)



- Red (33%)
- Yellow (54%)
- Blue (84%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 32.388, 244.289 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, 32.388, 244.289 by changing the saturation by 10% instead.

■ 67, 32.388,
244.289

■ 67, 32.388,
244.289

■ 100, 32.388,
244.289

■ 57, 32.388,
244.289

■ 87, 32.388,
244.289

■ 47, 32.388,
244.289

■ 97, 32.388,
244.289

■ 37, 32.388,
244.289

■ 27, 32.388,
244.289

■ 17, 32.388,
244.289

■ 7, 32.388, 244.289

■ 0, 32.388, 244.289

67, 32.388,
244.289

67, 32.388,
244.289

64, 36.128,
247.553

70, 28.129,
241.631

62, 39.396,
251.485

73, 23.363,
239.493

59, 42.308,
256.081

76, 18.135,
237.789

57, 44.947,
260.839

79, 12.509,
236.438

82, 6.555, 235.390

86, 0.339, 235.981

89, 6.079, 53.668

92, 12.134, 54.738

94, 12.803, 74.352

Harmonies

Complementary

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



67, 32.388, 244.289



62, 47.883, 50.933

Rectangle

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



67, 32.388, 244.289



67, 32.388, 294.289



67, 32.388, 64.289



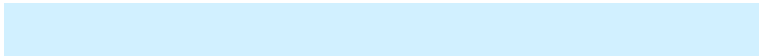
67, 32.388, 114.289

Sweetspot

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



67, 32.387, 244.289



93, 12.675, 236.165



77, 64.370, 148.683



49, 8.748, 236.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 32.387, 244.289



74, 42.360, 248.732



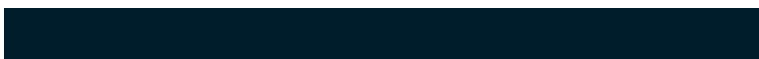
49, 62.045, 292.317



43, 3.533, 235.294



46, 37.563, 259.951



10, 13.488, 248.814

Inverse Universe

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



56, 64.125, 340.410



61, 83.509, 342.078



77, 55.533, 94.239



42, 6.256, 335.852



38, 67.488, 346.471



6, 26.050, 342.435

Previews

White Background



This preview shows how the CIELCh color 67, 32.388, 244.289 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 67, 32.388, 244.289 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, 32.388, 244.289

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.388, 244.289.

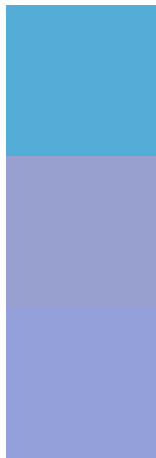


This preview shows how white text looks on a background with the CIELCh color 67, 32.388, 244.289.

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

67, 32.388, 244.289

Protanopia

67, 25.545, 286.072

Deuteranopia

67, 32.199, 286.059

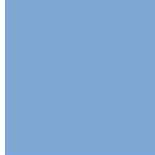


Tritanopia
67, 30.005, 212.306

Trichromacy



Original Color
67, 32.388, 244.289



Protanomaly
67, 26.585, 266.056



Deuteranomaly
67, 30.748, 269.226



Tritanomaly
67, 29.841, 225.392

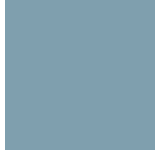
Monochromacy



Original Color
67, 32.388, 244.289



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 13.651, 236.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.388, 244.289 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(85, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(85, 173, 215)  
}
```

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(85, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 173, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.388, 244.289 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(85, 173, 215) }
```

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

```
.border{ border-color:rgb(85, 173, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(85, 173,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.388, 244.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 173, 215) }
```

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

```
.background{ background-color: rgb(85, 173,  
215) }
```

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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