

Converting Colors

CIELCh(67, 32.519, 244.042)

Have a look what the booklet for
CIELCh(67, 32.519, 244.042)
contains.

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Color

CIELCh(67, 32.519, 244.042)

Conversions

Conversions Part 1

Format	Color
Hex	54ADD7
RGB	84, 173, 215
RGB Percent	33%, 68%, 84%
CMY	0.6710, 0.3219, 0.1572
CMYK	0.61, 0.20, 0.00, 0.16
HSL	199°, 62%, 59%
HSV	199°, 61%, 84%
XYZ	30.8249, 36.6320, 69.6694
YIQ	151.1770, -66.5260, -5.8060

Conversions

Conversions Part 2

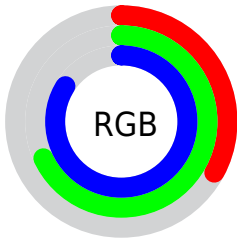
Format	Color
RYB	84, 137, 215
Decimal	5549527
CIELab	67.00, -14.23, -29.24
CIELCh	67, 32.519, 244.042
Yxy	36.6320, 0.2248, 0.2671
Android (android.graphics.Color)	4283739607 (0xFF54ADD7)
YUV	151.1770, 31.4647, -58.9142
Hunter-Lab	60.5244, -15.0079, -25.8814

Details

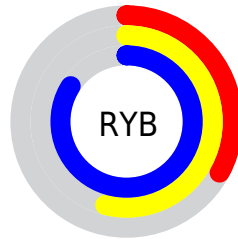
The CIELCh color **67, 32.519, 244.042** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **62, 48.354, 50.703**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.157, 228.447**, and **47, 31.987, 244.393** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.213, 247.319**, and if you desaturate by 10%, it is **70, 28.300, 241.374**.

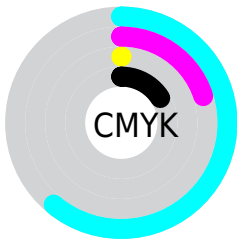
Distribution



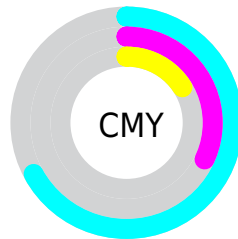
- Red (33%)
- Green (68%)
- Blue (84%)



- 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, 32.519, 244.042 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, 32.519, 244.042 by changing the saturation by 10% instead.

■ 67, 32.519,
244.042

■ 67, 32.519,
244.042

■ 100, 32.519,
244.042

■ 57, 32.519,
244.042

■ 87, 32.519,
244.042

■ 47, 32.519,
244.042

■ 97, 32.519,
244.042

■ 37, 32.519,
244.042

■ 27, 32.519,
244.042

■ 17, 32.519,
244.042

■ 7, 32.519, 244.042

■ 0, 32.519, 244.042

67, 32.519,
244.042

67, 32.519,
244.042

64, 36.213,
247.319

70, 28.300,
241.374

62, 39.432,
251.265

73, 23.567,
239.231

60, 42.294,
255.876

76, 18.366,
237.522

58, 44.772,
260.416

79, 12.760,
236.170

82, 6.820, 235.120

86, 0.612, 235.032

89, 5.802, 53.400

92, 12.109, 53.685

94, 12.695, 73.325

Harmonies

Complementary

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



67, 32.519, 244.042



62, 48.354, 50.703

Rectangle

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



67, 32.519, 244.042



67, 32.519, 294.042



67, 32.519, 64.042



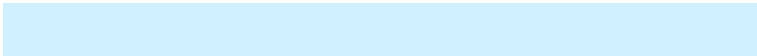
67, 32.519, 114.042

Sweetspot

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



67, 32.518, 244.042



93, 12.671, 235.848



77, 64.791, 148.617



49, 8.745, 236.188



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, 32.518, 244.042



75, 42.262, 248.336



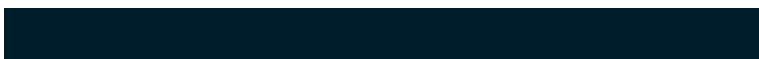
49, 62.559, 292.433



43, 3.533, 234.986



46, 37.409, 259.528



10, 13.456, 248.417

Inverse Universe

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



56, 64.602, 340.335



61, 83.632, 341.940



77, 55.910, 94.186



42, 6.267, 335.750



38, 67.586, 346.289



6, 26.092, 342.291

Previews

White Background



This preview shows how the CIELCh color 67, 32.519, 244.042 looks on a white background.

Color Contrast Check

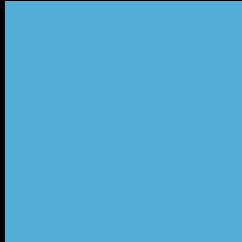
Large Text (above 18pt) WCAG AA × Fail

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, 32.519, 244.042 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, 32.519, 244.042

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.519, 244.042.



This preview shows how white text looks on a background with the CIELCh color 67, 32.519, 244.042.

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, 32.519, 244.042

Protanopia
67, 25.545, 286.072

Deuteranopia
67, 32.199, 286.059



Tritanopia
67, 30.179, 212.205

Trichromacy



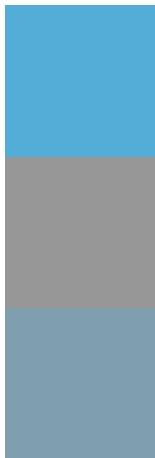
Original Color
67, 32.519, 244.042

Protanomaly
67, 26.585, 266.056

Deuteranomaly
67, 30.748, 269.226

Tritanomaly
67, 30.054, 223.917

Monochromacy



Original Color
67, 32.519, 244.042

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, 32.519, 244.042 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(84, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(84, 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(84, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 173, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.519, 244.042 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(84, 173, 215) }
```

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

```
.border{ border-color:rgb(84, 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(84, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(84, 173,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.519, 244.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 173, 215) }
```

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

```
.background{ background-color: rgb(84, 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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