

Converting Colors

CIELCh(62, 32.317, 252.609)

Have a look what the booklet for
CIELCh(62, 32.317, 252.609)
contains.

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Color

CIELCh(62, 32.477, 253.305)

Conversions

Conversions Part 1

Format	Color
Hex	529DCC
RGB	82, 157, 204
RGB Percent	32%, 62%, 80%
CMY	0.6770, 0.3831, 0.1987
CMYK	0.60, 0.23, 0.00, 0.20
HSL	203°, 55%, 56%
HSV	203°, 60%, 80%
XYZ	26.5572, 30.4025, 61.7986
YIQ	139.9330, -59.7870, -1.2830

Conversions

Conversions Part 2

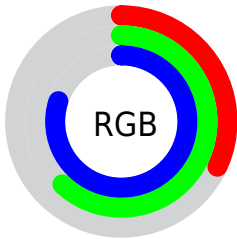
Format	Color
RYB	82, 128, 204
Decimal	5414348
CIELab	62.00, -9.33, -31.11
CIElCh	62, 32.477, 253.305
Yxy	30.4025, 0.2236, 0.2560
Android (android.graphics.Color)	4283604428 (0xFF529DCC)
YUV	139.9330, 31.5850, -50.8072
Hunter-Lab	55.1385, -10.5188, -27.8546

Details

The CIELCh color **62, 32.477, 253.305** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **61, 44.472, 56.827**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 30.293, 249.367**, and **42, 32.390, 253.961** is the 20% darker color. If you saturate the color by 10%, you get **59, 36.804, 256.784**, and if you desaturate by 10%, it is **65, 27.800, 250.409**.

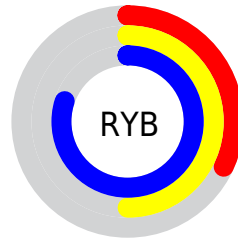
Distribution



Red (32%)

Green (62%)

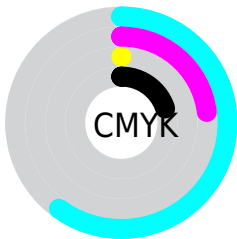
Blue (80%)



Red (32%)

Yellow (50%)

Blue (80%)

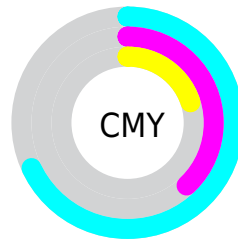


Cyan (60%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (68%)


Magenta (38%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 32.477, 253.305 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 62, 32.477, 253.305 by changing the saturation by 10% instead.


 62, 32.477,
253.305


 62, 32.477,
253.305


 100, 32.477,
253.305


 52, 32.477,
253.305


 82, 32.477,
253.305

 42, 32.477,
253.305

 92, 32.477,
253.305

 32, 32.477,
253.305

 22, 32.477,
253.305

 12, 32.477,
253.305

 2, 32.477, 253.305

 0, 32.477, 253.305

62, 32.477,
253.305

62, 32.477,
253.305

59, 36.804,
256.784

65, 27.800,
250.409

56, 40.839,
260.877

68, 22.770,
248.028

53, 44.695,
265.541

72, 17.410,
246.086

51, 48.560,
270.523

75, 11.764,
244.507

51, 48.683,
270.670

79, 5.883, 243.245

82, 0.184, 59.587

86, 6.391, 61.144

90, 12.699, 60.447

92, 15.974, 69.816

Harmonies

Complementary

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



62, 32.477, 253.305



61, 44.472, 56.827

Rectangle

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



62, 32.477, 253.305



62, 32.477, 303.305



62, 32.477, 73.305



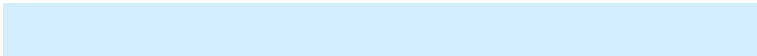
62, 32.477, 123.305

Sweetspot

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



62, 32.476, 253.305



92, 12.904, 244.304



74, 57.837, 151.514



48, 8.921, 244.722



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 32.476, 253.305



72, 45.069, 258.043



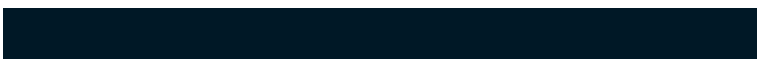
45, 63.801, 295.134



41, 3.440, 243.213



42, 41.201, 269.841



7, 13.127, 258.147

Inverse Universe

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



53, 58.671, 343.648



61, 79.891, 345.658



76, 55.521, 98.524



40, 5.749, 338.620



36, 63.821, 351.396



4, 21.325, 346.197

Previews

White Background



This preview shows how the CIE LCh color 62, 32.477, 253.305 looks on a white background.

Color Contrast Check

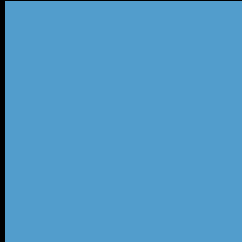
Large Text (above 18pt) WCAG AA × Fail

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 62, 32.477, 253.305 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

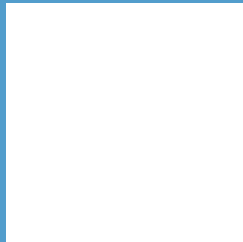
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 32.477, 253.305

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.477, 253.305.

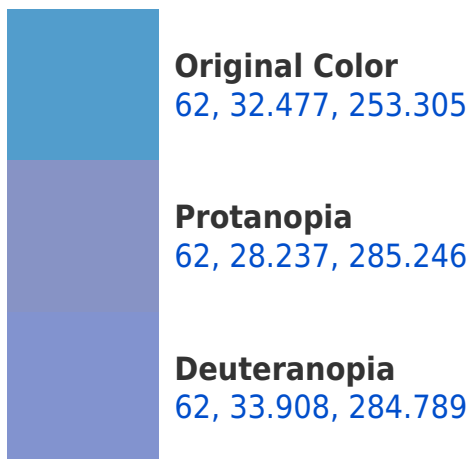


This preview shows how white text looks on a background with the CIELCh color 62, 32.477, 253.305.

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
62, 27.614, 213.987

Trichromacy



Original Color
62, 32.477, 253.305

Protanomaly
62, 29.079, 271.267

Deuteranomaly
62, 32.372, 272.807

Tritanomaly
62, 27.882, 229.551

Monochromacy



Original Color
62, 32.477, 253.305

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 13.256, 245.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.477, 253.305 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(82, 157, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 157, 204)  
}
```

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(82, 157, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 157, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.477, 253.305 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(82, 157, 204) }
```

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

```
.border{ border-color:rgb(82, 157, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 157, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 157, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 157, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 157,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.477, 253.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 157, 204) }
```

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

```
.background{ background-color: rgb(82, 157,  
204) }
```

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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