

Converting Colors

CIELCh(62, 26.600, 234.457)

Have a look what the booklet for
CIELCh(62, 26.600, 234.457)
contains.

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Color

CIELCh(62, 26.600, 234.457)

Conversions

Conversions Part 1

Format	Color
Hex	539FBB
RGB	83, 159, 187
RGB Percent	33%, 62%, 73%
CMY	0.6727, 0.3749, 0.2650
CMYK	0.55, 0.15, 0.00, 0.27
HSL	196°, 43%, 53%
HSV	196°, 55%, 73%
XYZ	25.0902, 30.4025, 51.7966
YIQ	139.4680, -54.2840, -7.4040

Conversions

Conversions Part 2

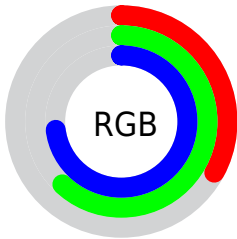
Format	Color
RYB	83, 127, 187
Decimal	5480379
CIELab	62.00, -15.46, -21.64
CIElCh	62, 26.600, 234.457
Yxy	30.4025, 0.2339, 0.2834
Android (android.graphics.Color)	4283670459 (0xFF539FBB)
YUV	139.4680, 23.4333, -49.5224
Hunter-Lab	55.1385, -15.2679, -17.0995

Details

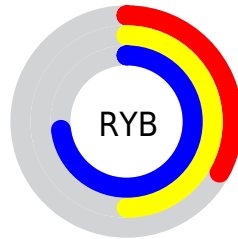
The CIELCh color **62, 26.600, 234.457** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **55, 39.324, 46.150**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 26.526, 233.875**, and **42, 26.685, 235.633** is the 20% darker color. If you saturate the color by 10%, you get **60, 29.841, 236.929**, and if you desaturate by 10%, it is **64, 22.796, 232.497**.

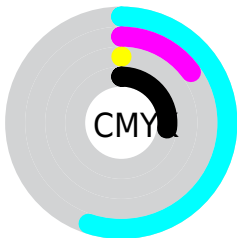
Distribution



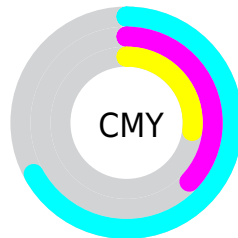
- Red (33%)
- Green (62%)
- Blue (73%)



- Red (33%)
- Yellow (50%)
- Blue (73%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (27%)





- Cyan (67%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 26.600, 234.457 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, 26.600, 234.457 by changing the saturation by 10% instead.


 62, 26.600,
234.457


 62, 26.600,
234.457


 100, 26.600,
234.457


 52, 26.600,
234.457


 82, 26.600,
234.457

 42, 26.600,
234.457

 92, 26.600,
234.457

 32, 26.600,
234.457

 22, 26.600,
234.457

 12, 26.600,
234.457

 2, 26.600, 234.457

 0, 26.600, 234.457

■ 62, 26.600,
234.457

■ 62, 26.600,
234.457

■ 60, 29.841,
236.929

■ 64, 22.796,
232.497

■ 58, 32.513,
240.006

■ 67, 18.475,
230.962

■ 56, 34.662,
243.753

■ 69, 13.704,
229.773

■ 54, 36.409,
248.177

■ 72, 8.554, 228.867

■ 53, 37.177,
250.251

■ 75, 3.097, 228.256

■ 77, 2.601, 47.362

■ 80, 8.484, 47.081

■ 83, 14.503, 46.796

■ 86, 20.618, 46.577

Harmonies

Complementary

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



62, 26.600, 234.457



55, 39.324, 46.150

Rectangle

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



62, 26.600, 234.457



62, 26.600, 284.457



62, 26.600, 54.457



62, 26.600, 104.457

Sweetspot

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



62, 26.599, 234.456



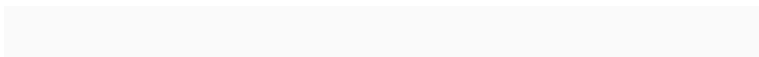
91, 11.620, 229.011



69, 55.543, 147.654



48, 7.729, 229.181



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 26.599, 234.456



76, 37.393, 237.678



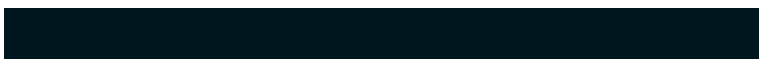
47, 47.184, 288.172



38, 3.196, 228.445



45, 32.635, 249.562



6, 9.539, 240.515

Inverse Universe

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



51, 55.413, 337.241



61, 79.287, 338.463



68, 44.138, 91.504



37, 5.855, 333.660



35, 66.032, 342.468



3, 16.518, 338.050

Previews

White Background



This preview shows how the CIELCh color 62, 26.600, 234.457 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, 26.600, 234.457 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, 26.600, 234.457

Background



This preview shows how black text looks on a background with the CIELCh color 62, 26.600, 234.457.



This preview shows how white text looks on a background with the CIELCh color 62, 26.600, 234.457.

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
62, 26.600, 234.457

Protanopia
62, 17.491, 285.183

Deuteranopia
62, 24.745, 289.725



Tritanopia
62, 25.821, 213.977

Trichromacy



Original Color
62, 26.600, 234.457

Protanomaly
62, 19.386, 259.865

Deuteranomaly
62, 23.083, 267.502

Tritanomaly
62, 25.720, 222.314

Monochromacy



Original Color
62, 26.600, 234.457

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 11.331, 228.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 26.600, 234.457 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(83, 159, 187)` looks like.

```
.text, #text, p{  
    color:rgb(83, 159, 187)  
}
```

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(83, 159, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 159, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 26.600, 234.457 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(83, 159, 187) }
```

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

```
.border{ border-color:rgb(83, 159, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 159, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 159, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 159, 187);  
box-shadow:4px 4px 4px 4px rgb(83, 159,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 26.600, 234.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 159, 187) }
```

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

```
.background{ background-color: rgb(83, 159,  
187) }
```

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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