

Converting Colors

CIELCh(60, 36.681, 270.352)

Have a look what the booklet for
CIELCh(60, 36.681, 270.352)
contains.

CIELCh(60, 36.664, 269.995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(60, 36.664, 269.995)

Conversions

Conversions Part 1

Format	Color
Hex	5F94D1
RGB	95, 148, 209
RGB Percent	37%, 58%, 82%
CMY	0.6284, 0.4205, 0.1813
CMYK	0.55, 0.29, 0.00, 0.18
HSL	212°, 55%, 60%
HSV	212°, 55%, 82%
XYZ	26.7296, 28.1233, 64.1885
YIQ	139.1070, -51.1690, 7.7350

Conversions

Conversions Part 2

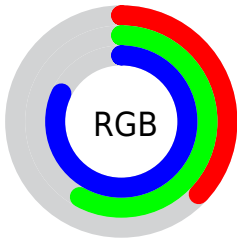
Format	Color
R_{YB}	95, 131, 209
Decimal	6264017
CIE _{Lab}	60.00, -0.00, -36.66
CIE _{LCh}	60, 36.664, 269.995
Yxy	28.1233, 0.2245, 0.2362
Android (android.graphics.Color)	4284454097 (0xFF5F94D1)
YUV	139.1070, 34.4572, -38.6818
Hunter-Lab	53.0314, -2.8351, -34.6418

Details

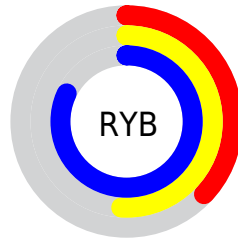
The CIELCh color **60, 36.664, 269.995** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **68, 41.411, 71.954**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 31.318, 264.114**, and **40, 36.383, 269.627** is the 20% darker color. If you saturate the color by 10%, you get **56, 43.219, 273.246**, and if you desaturate by 10%, it is **64, 30.073, 267.205**.

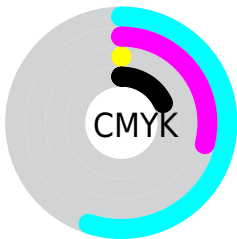
Distribution



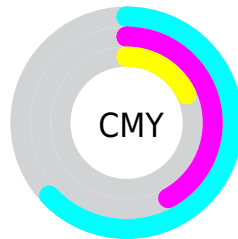
- Red (37%)
- Green (58%)
- Blue (82%)



- Red (37%)
- Yellow (51%)
- Blue (82%)



- Cyan (55%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)





- Cyan (63%)
- Magenta (42%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 36.664, 269.995 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 60, 36.664, 269.995 by changing the saturation by 10% instead.


 60, 36.664,
269.995


 60, 36.664,
269.995


 100, 36.664,
269.995


 50, 36.664,
269.995


 80, 36.664,
269.995

 40, 36.664,
269.995

 90, 36.664,
269.995

 30, 36.664,
269.995

 20, 36.664,
269.995

 10, 36.664,
269.995

 0, 36.664, 269.995

 60, 36.664,

 60, 36.664,

269.995

269.995

■ 56, 43.219,
273.246

■ 64, 30.073,
267.205

■ 52, 49.794,
276.956

■ 69, 23.423,
264.837

■ 48, 56.468,
281.062

■ 73, 16.710,
262.839

■ 45, 63.315,
285.410

■ 77, 9.945, 261.160

■ 43, 67.110,
287.690

■ 82, 3.146, 259.801

■ 86, 3.667, 78.370

■ 91, 10.474, 77.383

■ 95, 16.001, 84.255

■ 97, 20.218,
101.498

Harmonies

Complementary

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



60, 36.664, 269.995



68, 41.411, 71.954

Rectangle

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



60, 36.664, 269.995



60, 36.664, 319.995



60, 36.664, 89.995



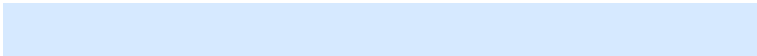
60, 36.664, 139.995

Sweetspot

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



60, 36.663, 269.995



92, 12.808, 261.405



76, 47.813, 159.477



48, 8.643, 261.740



0, 0.000, 0.000



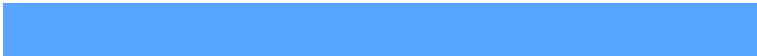
53, 0.007, 296.813

Same Dimension

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



60, 36.663, 269.995



67, 51.899, 274.008



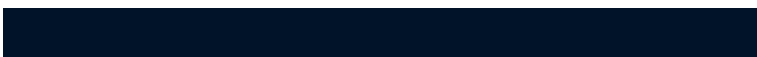
46, 67.236, 299.190



42, 3.873, 260.404



35, 56.281, 286.988



6, 16.965, 275.054

Inverse Universe

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



56, 51.177, 351.990



62, 70.267, 354.430



81, 57.539, 106.658



41, 5.298, 346.338



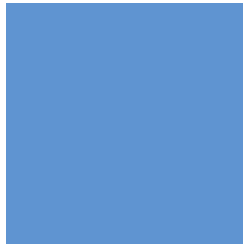
36, 61.874, 4.995



5, 21.485, 356.169

Previews

White Background



This preview shows how the CIE LCh color 60, 36.664, 269.995 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 36.664, 269.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

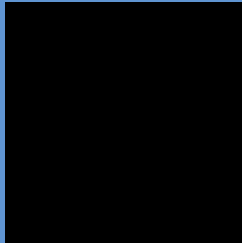
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

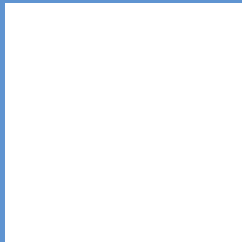
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 36.664, 269.995

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.664, 269.995.



This preview shows how white text looks on a background with the CIELCh color 60, 36.664, 269.995.

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

60, 36.664, 269.995

Protanopia

60, 35.209, 285.416

Deuteranopia

60, 38.256, 282.654



Tritanopia
60, 24.199, 213.894

Trichromacy



Original Color
60, 36.664, 269.995

Protanomaly
60, 35.725, 279.464

Deuteranomaly
60, 37.623, 278.006

Tritanomaly
60, 25.714, 239.677

Monochromacy



Original Color
60, 36.664, 269.995

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 13.972, 263.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.664, 269.995 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(95, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(95, 148, 209)  
}
```

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(95, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 148, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.664, 269.995 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(95, 148, 209) }
```

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

```
.border{ border-color:rgb(95, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 148, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 148, 209);  
box-shadow:4px 4px 4px 4px rgb(95, 148,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.664, 269.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 148, 209) }
```

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

```
.background{ background-color: rgb(95, 148,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor