

Converting Colors

CIELCh(61, 40.616, 257.711)

Have a look what the booklet for
CIELCh(61, 40.616, 257.711)
contains.

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Color

CIELCh(61, 40.786, 257.991)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 349BD9 |
| RGB | 52, 155, 217 |
| RGB Percent | 20%, 61%, 85% |
| CMY | 0.7951, 0.3916, 0.1484 |
| CMYK | 0.76, 0.29, 0.00, 0.15 |
| HSL | 203°, 69%, 53% |
| HSV | 203°, 76%, 85% |
| XYZ | 25.7211, 29.2481, 70.0463 |
| YIQ | 131.2710, -81.2900, -2.5540 |

Conversions

Conversions Part 2

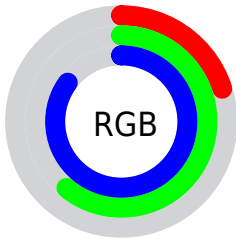
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 52, 115, 217 |
| Decimal | 3447769 |
| CIE _{Lab} | 61.00, -8.49, -39.89 |
| CIE _{LCh} | 61, 40.786, 257.991 |
| Yxy | 29.2481, 0.2057, 0.2340 |
| Android (android.graphics.Color) | 4281637849 (0xFF349BD9) |
| YUV | 131.2710, 42.2644, -69.5207 |
| Hunter-Lab | 54.0815, -9.7482, -38.9352 |

Details

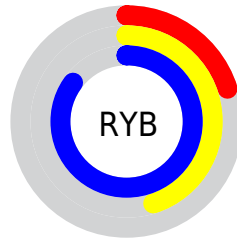
The CIELCh color **61, 40.786, 257.991** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **59, 62.101, 54.711**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 33.715, 245.288**, and **42, 38.376, 265.571** is the 20% darker color. If you saturate the color by 10%, you get **58, 44.721, 262.477**, and if you desaturate by 10%, it is **64, 36.584, 254.122**.

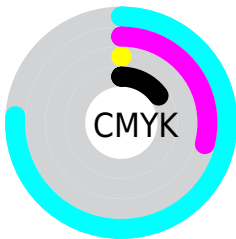
Distribution



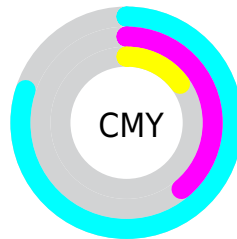
- Red (20%)
- Green (61%)
- Blue (85%)



- Red (20%)
- Yellow (45%)
- Blue (85%)



- Cyan (76%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)





- Cyan (80%)
- Magenta (39%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 40.786, 257.991 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 61, 40.786, 257.991 by changing the saturation by 10% instead.


 61, 40.786,
257.991


 61, 40.786,
257.991


 100, 40.786,
257.991


 51, 40.786,
257.991


 81, 40.786,
257.991

 41, 40.786,
257.991

 91, 40.786,
257.991

 31, 40.786,
257.991

 21, 40.786,
257.991

 11, 40.786,
257.991

 1, 40.786, 257.991

 0, 40.786, 257.991

61, 40.786,
257.991

61, 40.786,
257.991

58, 44.721,
262.477

64, 36.584,
254.122

56, 48.550,
267.468

67, 32.021,
250.874

55, 50.150,
269.496

70, 27.062,
248.195

74, 21.714,
246.008

77, 16.019,
244.233

81, 10.027,
242.802

85, 3.796, 241.699

88, 2.623, 60.415

Harmonies

Complementary

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



61, 40.786, 257.991



59, 62.101, 54.711

Rectangle

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



61, 40.786, 257.991



61, 40.786, 307.991



61, 40.786, 77.991



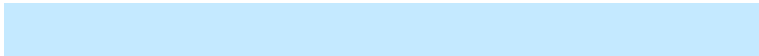
61, 40.786, 127.991

Sweetspot

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



61, 40.785, 257.992



90, 16.271, 243.812



77, 74.931, 148.013



47, 11.180, 244.381



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 40.785, 257.992



66, 53.034, 265.369



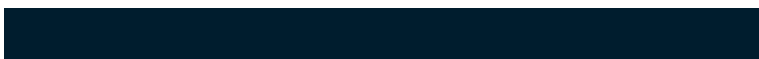
39, 85.773, 298.798



44, 3.639, 242.039



44, 41.924, 268.642



9, 14.966, 257.940

Inverse Universe

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



51, 72.904, 345.639



57, 87.737, 349.014



79, 69.772, 95.768



43, 6.143, 338.191



38, 66.248, 350.720



6, 26.708, 345.868

Previews

White Background



This preview shows how the CIELCh color 61, 40.786, 257.991 looks on a white background.

Color Contrast Check

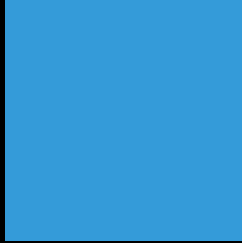
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 40.786, 257.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

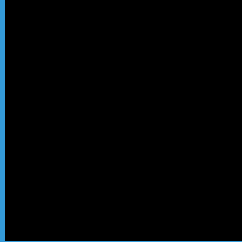
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

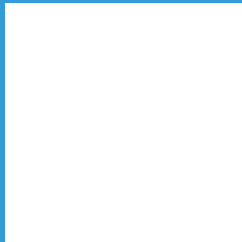
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 40.786, 257.991

Background



This preview shows how black text looks on a background with the CIELCh color 61, 40.786, 257.991.

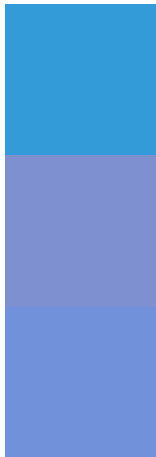


This preview shows how white text looks on a background with the CIELCh color 61, 40.786, 257.991.

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

61, 40.786, 257.991

Protanopia

61, 36.258, 285.318

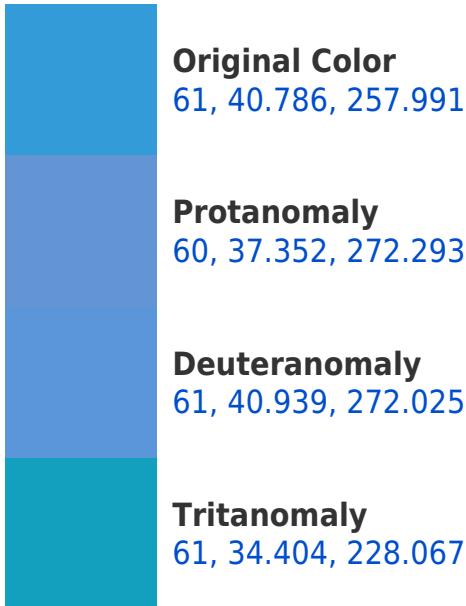
Deuteranopia

61, 41.671, 281.502

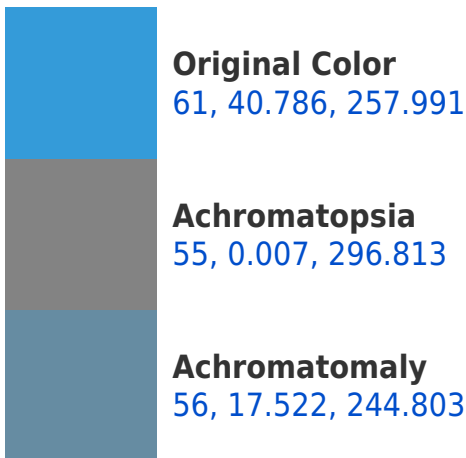


Tritanopia
61, 34.596, 209.031

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 40.786, 257.991 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(52, 155, 217)` looks like.

```
.text, #text, p{  
    color:rgb(52, 155, 217)  
}
```

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(52, 155, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 155, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 40.786, 257.991 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(52, 155, 217) }
```

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

```
.border{ border-color:rgb(52, 155, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 155, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 155, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 155, 217);  
box-shadow:4px 4px 4px 4px rgb(52, 155,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 40.786, 257.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 155, 217) }
```

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

```
.background{ background-color: rgb(52, 155,  
217) }
```

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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