

Converting Colors

CIELCh(61, 23.068, 182.250)

Have a look what the booklet for
CIELCh(61, 23.068, 182.250)
contains.

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Color

CIELCh(61, 23.225, 181.787)

Conversions

Conversions Part 1

Format	Color
Hex	5F9F94
RGB	95, 159, 148
RGB Percent	37%, 62%, 58%
CMY	0.6285, 0.3776, 0.4207
CMYK	0.40, 0.00, 0.07, 0.38
HSL	170°, 25%, 50%
HSV	170°, 40%, 62%
XYZ	22.3648, 29.2481, 32.3703
YIQ	138.6100, -34.6130, -16.9890

Conversions

Conversions Part 2

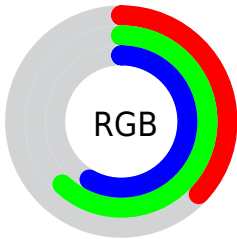
Format	Color
R_{YB}	95, 130, 159
Decimal	6266772
CIE _{Lab}	61.00, -23.21, -0.72
CIE _{LCh}	61, 23.225, 181.787
Yxy	29.2481, 0.2663, 0.3483
Android (android.graphics.Color)	4284456852 (0xFF5F9F94)
YUV	138.6100, 4.6293, -38.2460
Hunter-Lab	54.0815, -20.8259, 2.3693

Details

The CIELCh color $61, 23.225, 181.787$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48, 27.915, 10.252$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $81, 23.386, 181.837$, and $41, 23.288, 181.452$ is the 20% darker color. If you saturate the color by 10%, you get $60, 27.967, 180.741$, and if you desaturate by 10%, it is $62, 17.979, 182.766$.

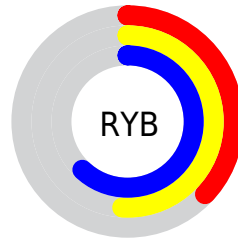
Distribution



Red (37%)

Green (62%)

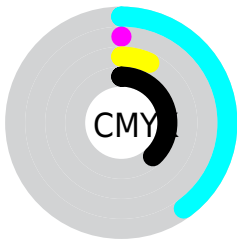
Blue (58%)



Red (37%)

Yellow (51%)

Blue (62%)

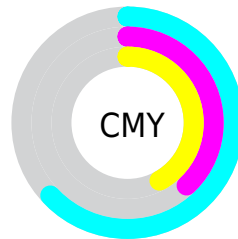


Cyan (40%)

Magenta (0%)

Yellow (7%)

Black (38%)



Cyan (63%)


Magenta (38%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 23.225, 181.787 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, 23.225, 181.787 by changing the saturation by 10% instead.


 61, 23.225,
181.787


 61, 23.225,
181.787


 100, 23.225,
181.787


 51, 23.225,
181.787


 81, 23.225,
181.787

 41, 23.225,
181.787

 91, 23.225,
181.787

 31, 23.225,
181.787

 21, 23.225,
181.787

 11, 23.225,
181.787

 1, 23.225, 181.787

 0, 23.225, 181.787

61, 23.225,
181.787

61, 23.225,
181.787

60, 27.967,
180.741

62, 17.979,
182.766

60, 32.111,
179.615

63, 12.326,
183.700

59, 35.589,
178.388

64, 6.368, 184.615

59, 38.363,
177.038

65, 0.196, 187.621

67, 6.110, 6.142

59, 40.445,
175.545

68, 12.482, 6.972

58, 41.990,
174.010

70, 18.867, 7.754

72, 25.224, 8.509

73, 31.522, 9.240

Harmonies

Complementary

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



61, 23.225, 181.787



48, 27.915, 10.252

Rectangle

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



61, 23.225, 181.787



61, 23.225, 231.787



61, 23.225, 1.787



61, 23.225, 51.787

Sweetspot

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



61, 23.226, 181.785



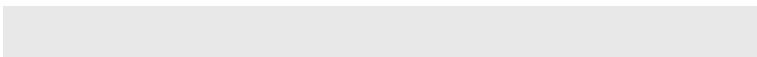
81, 9.152, 184.439



60, 41.128, 137.055



43, 6.107, 184.329



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 23.226, 181.785



77, 33.241, 180.891



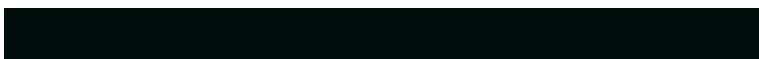
55, 18.192, 238.393



33, 3.484, 184.716



53, 38.790, 174.177



3, 4.678, 183.123

Inverse Universe

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



48, 27.915, 10.252



57, 41.715, 11.899



52, 23.120, 51.119



31, 3.621, 6.179



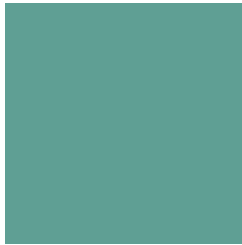
29, 60.800, 30.292



1, 4.611, 6.112

Previews

White Background



This preview shows how the CIELCh color 61, 23.225, 181.787 looks on a white background.

Color Contrast Check

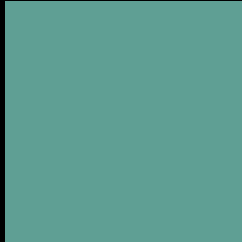
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 23.225, 181.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

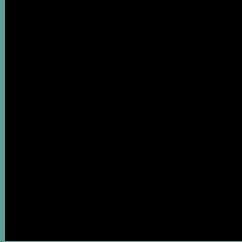
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 23.225, 181.787

Background



This preview shows how black text looks on a background with the CIELCh color 61, 23.225, 181.787.

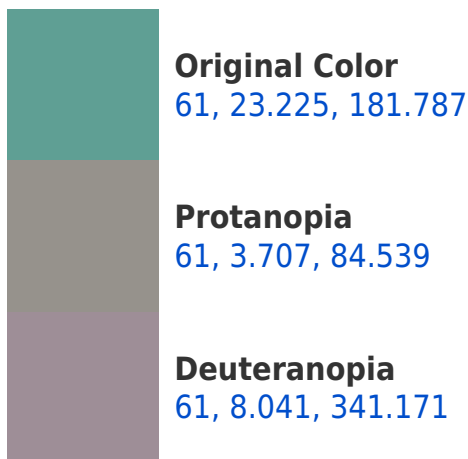


This preview shows how white text looks on a background with the CIELCh color 61, 23.225, 181.787.

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
61, 19.397, 218.470

Trichromacy



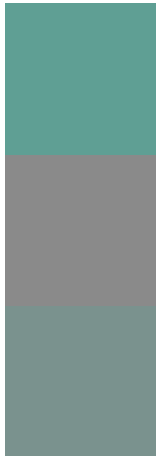
Original Color
61, 23.225, 181.787

Protanomaly
61, 9.248, 169.396

Deuteranomaly
60, 4.998, 212.120

Tritanomaly
61, 19.847, 204.277

Monochromacy



Original Color
61, 23.225, 181.787

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 9.363, 184.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 23.225, 181.787 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, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(95, 159, 148)  
}
```

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, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 159, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 23.225, 181.787 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, 159, 148) }
```

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

```
.border{ border-color:rgb(95, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 159, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 159, 148); box-shadow:4px 4px 4px 4px rgb(95, 159, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 23.225, 181.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 159, 148) }
```

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

```
.background{ background-color: rgb(95, 159,  
148) }
```

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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