

Converting Colors

CIELCh(60, 18.567, 225.430)

Have a look what the booklet for
CIELCh(60, 18.567, 225.430)
contains.

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Color

CIELCh(60, 18.571, 225.455)

Conversions

Conversions Part 1

Format	Color
Hex	6598A7
RGB	101, 152, 167
RGB Percent	40%, 60%, 65%
CMY	0.6029, 0.4029, 0.3440
CMYK	0.39, 0.09, 0.00, 0.34
HSL	194°, 27%, 53%
HSV	194°, 39%, 66%
XYZ	23.6666, 28.1233, 40.8694
YIQ	138.4610, -35.2110, -6.1470

Conversions

Conversions Part 2

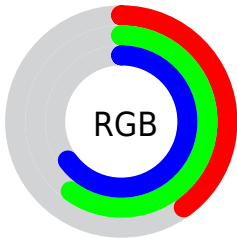
Format	Color
RYB	101, 130, 167
Decimal	6658215
CIELab	60.00, -13.03, -13.24
CIElCh	60, 18.571, 225.455
Yxy	28.1233, 0.2554, 0.3035
Android (android.graphics.Color)	4284848295 (0xFF6598A7)
YUV	138.4610, 14.0697, -32.8533
Hunter-Lab	53.0314, -13.1450, -8.5707

Details

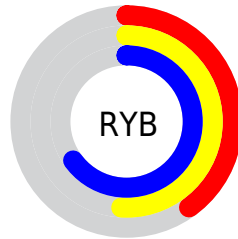
The CIELCh color `60, 18.571, 225.455` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `54, 24.396, 42.031`, and the grayscale version is `58, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 18.425, 226.121`, and `40, 18.494, 225.427` is the 20% darker color. If you saturate the color by 10%, you get `58, 22.269, 226.790`, and if you desaturate by 10%, it is `62, 14.394, 224.437`.

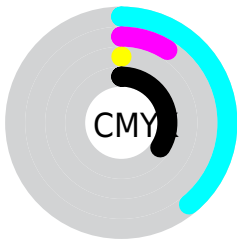
Distribution



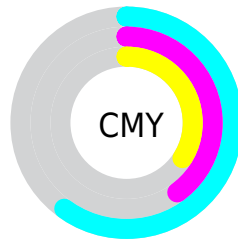
- Red (40%)
- Green (60%)
- Blue (65%)



- Red (40%)
- Yellow (51%)
- Blue (65%)



- Cyan (39%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)





- Cyan (60%)
- Magenta (40%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 18.571, 225.455 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, 18.571, 225.455 by changing the saturation by 10% instead.


 60, 18.571,
225.455


 60, 18.571,
225.455


 100, 18.571,
225.455


 50, 18.571,
225.455


 80, 18.571,
225.455

 40, 18.571,
225.455

 90, 18.571,
225.455


 30, 18.571,
225.455

 20, 18.571,
225.455

 10, 18.571,
225.455

 0, 18.571, 225.455

 60, 18.571,

 60, 18.571,

225.455

225.455

■ 58, 22.269,
226.790

■ 62, 14.394,
224.437

■ 56, 25.426,
228.527

■ 64, 9.812, 223.685

■ 55, 27.999,
230.745

■ 66, 4.897, 223.168

■ 69, 0.283, 41.010

■ 53, 29.984,
233.530

■ 71, 5.668, 42.300

■ 52, 31.430,
236.951

■ 74, 11.207, 42.154

■ 76, 16.858, 42.056

■ 50, 32.525,
240.899

■ 79, 22.585, 42.008

■ 50, 32.586,
241.110

■ 81, 28.361, 42.000

Harmonies

Complementary

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



60, 18.571, 225.455



54, 24.396, 42.031

Rectangle

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



60, 18.571, 225.455



60, 18.571, 275.455



60, 18.571, 45.455



60, 18.571, 95.455

Sweetspot

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



60, 18.571, 225.452



83, 7.618, 223.285



63, 38.198, 147.916



44, 5.077, 223.345



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 18.571, 225.452



74, 26.330, 226.549



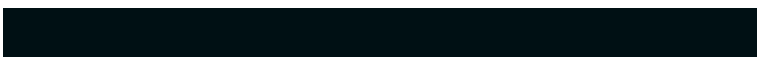
51, 28.001, 281.186



34, 2.945, 223.162



45, 29.715, 240.625



4, 5.393, 230.746

Inverse Universe

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



52, 38.078, 334.126



62, 55.348, 334.749



62, 27.541, 90.004



33, 5.488, 332.051



33, 64.810, 339.613



2, 9.488, 334.016

Previews

White Background



This preview shows how the CIE LCh color 60, 18.571, 225.455 looks on a white background.

Color Contrast Check

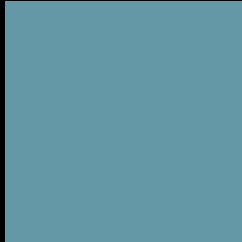
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.571, 225.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

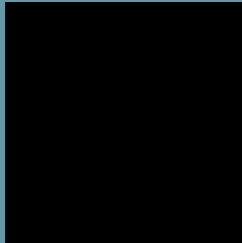
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 18.571, 225.455

Background



This preview shows how black text looks on a background with the CIELCh color 60, 18.571, 225.455.



This preview shows how white text looks on a background with the CIELCh color 60, 18.571, 225.455.

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, 18.571, 225.455

Protanopia

60, 10.194, 287.191

Deuteranopia

60, 16.548, 298.262



Tritanopia
60, 18.359, 219.832

Trichromacy



Original Color
60, 18.571, 225.455

Protanomaly
60, 11.583, 255.446

Deuteranomaly
60, 14.403, 270.188

Tritanomaly
60, 18.496, 221.587

Monochromacy



Original Color
60, 18.571, 225.455

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.521, 221.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 18.571, 225.455 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(101, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(101, 152, 167)  
}
```

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(101, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 152, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 18.571, 225.455 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(101, 152, 167) }
```

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

```
.border{ border-color:rgb(101, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(101, 152,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 18.571, 225.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 152, 167) }
```

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

```
.background{ background-color: rgb(101,  
152, 167) }
```

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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