

Converting Colors

CIELCh(60, 22.921, 238.859)

Have a look what the booklet for
CIELCh(60, 22.921, 238.859)
contains.

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Color

CIELCh(60, 22.748, 238.752)

Conversions

Conversions Part 1

Format	Color
Hex	5E98B2
RGB	94, 152, 178
RGB Percent	37%, 60%, 70%
CMY	0.6307, 0.4032, 0.3013
CMYK	0.47, 0.15, 0.00, 0.30
HSL	199°, 35%, 53%
HSV	199°, 47%, 70%
XYZ	23.9445, 28.1233, 46.3797
YIQ	137.6220, -42.9140, -4.2100

Conversions

Conversions Part 2

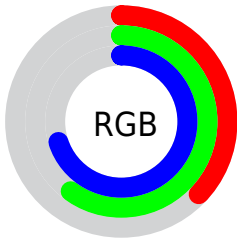
Format	Color
R_{YB}	94, 128, 178
Decimal	6199474
CIE _{Lab}	60.00, -11.80, -19.45
CIE _{LCh}	60, 22.748, 238.752
Yxy	28.1233, 0.2432, 0.2857
Android (android.graphics.Color)	4284389554 (0xFF5E98B2)
YUV	137.6220, 19.9064, -38.2565
Hunter-Lab	53.0314, -12.2095, -14.7312

Details

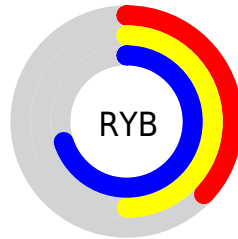
The CIELCh color `60, 22.748, 238.752` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `56, 30.583, 50.102`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 22.781, 239.670`, and `40, 22.629, 238.511` is the 20% darker color. If you saturate the color by 10%, you get `58, 26.508, 241.071`, and if you desaturate by 10%, it is `63, 18.547, 236.896`.

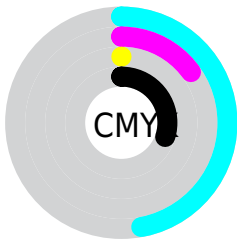
Distribution



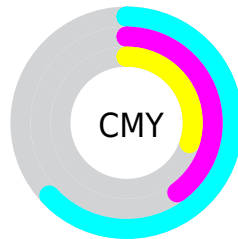
- Red (37%)
- Green (60%)
- Blue (70%)



- Red (37%)
- Yellow (50%)
- Blue (70%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)





- Cyan (63%)
- Magenta (40%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 22.748, 238.752 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, 22.748, 238.752 by changing the saturation by 10% instead.


 60, 22.748,
238.752


 60, 22.748,
238.752


 100, 22.748,
238.752


 50, 22.748,
238.752


 80, 22.748,
238.752

 40, 22.748,
238.752

 90, 22.748,
238.752

 30, 22.748,
238.752

 20, 22.748,
238.752

 10, 22.748,
238.752

 0, 22.748, 238.752

 60, 22.748,

 60, 22.748,

238.752

■ 58, 26.508,
241.071

■ 55, 29.801,
243.946

■ 53, 32.641,
247.452

■ 51, 35.093,
251.626

■ 49, 37.303,
256.385

■ 49, 37.952,
257.735

238.752

■ 63, 18.547,
236.896

■ 65, 13.957,
235.424

■ 68, 9.036, 234.268

■ 71, 3.845, 233.406

■ 73, 1.560, 52.254

■ 76, 7.128, 51.898

■ 79, 12.817, 51.460

■ 82, 18.592, 51.099

■ 85, 24.424, 50.809

Harmonies

Complementary

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



60, 22.748, 238.752



56, 30.583, 50.102

Rectangle

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



60, 22.748, 238.752



60, 22.748, 288.752



60, 22.748, 58.752



60, 22.748, 108.752

Sweetspot

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



60, 22.747, 238.750



87, 9.207, 233.986



66, 44.720, 149.995



46, 6.377, 234.192



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 22.747, 238.750



73, 32.660, 241.290



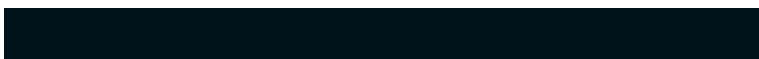
48, 39.643, 287.985



36, 3.040, 233.563



42, 33.717, 257.063



4, 7.628, 245.560

Inverse Universe

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



52, 44.863, 338.316



62, 65.552, 339.376



66, 37.175, 94.862



35, 5.433, 335.275



34, 62.840, 345.263



2, 12.108, 339.297

Previews

White Background



This preview shows how the CIE LCh color 60, 22.748, 238.752 looks on a white background.

Color Contrast Check

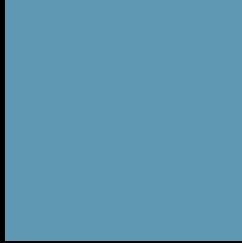
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.748, 238.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

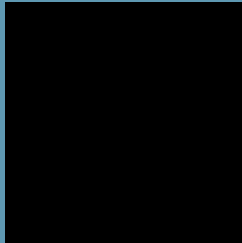
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

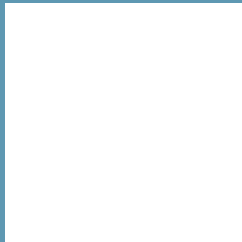
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 22.748, 238.752

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.748, 238.752.



This preview shows how white text looks on a background with the CIELCh color 60, 22.748, 238.752.

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, 22.748, 238.752

Protanopia

60, 16.448, 285.838

Deuteranopia

60, 22.633, 290.951



Tritanopia
60, 21.258, 218.150

Trichromacy



Original Color
60, 22.748, 238.752

Protanomaly
60, 17.538, 264.142

Deuteranomaly
60, 20.846, 271.693

Tritanomaly
60, 21.493, 226.407

Monochromacy



Original Color
60, 22.748, 238.752

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 9.382, 236.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.748, 238.752 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(94, 152, 178)` looks like.

```
.text, #text, p{  
    color:rgb(94, 152, 178)  
}
```

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(94, 152, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 152, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.748, 238.752 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(94, 152, 178) }
```

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

```
.border{ border-color:rgb(94, 152, 178) }
```

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

Here you see how a box with a 4 pixel rgb(94, 152, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 152, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 152, 178);  
box-shadow:4px 4px 4px 4px rgb(94, 152,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.748, 238.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 152, 178) }
```

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

```
.background{ background-color: rgb(94, 152,  
178) }
```

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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