

Converting Colors

CIE LCh(60, 25.299, 226.015)

Have a look what the booklet for
CIELCh(60, 25.299, 226.015)
contains.

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Color

CIELCh(60, 25.342, 225.836)

Conversions

Conversions Part 1

Format	Color
Hex	4E9BB0
RGB	78, 155, 176
RGB Percent	31%, 61%, 69%
CMY	0.6948, 0.3928, 0.3105
CMYK	0.56, 0.12, 0.00, 0.31
HSL	193°, 39%, 50%
HSV	193°, 56%, 69%
XYZ	22.6370, 28.1233, 45.2163
YIQ	134.3710, -52.6330, -9.7930

Conversions

Conversions Part 2

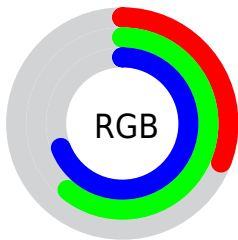
Format	Color
RYB	78, 121, 176
Decimal	5151664
CIELab	60.00, -17.66, -18.18
CIElCh	60, 25.342, 225.836
Yxy	28.1233, 0.2359, 0.2930
Android (android.graphics.Color)	4283341744 (0xFF4E9BB0)
YUV	134.3710, 20.5231, -49.4374
Hunter-Lab	53.0314, -16.6104, -13.4305

Details

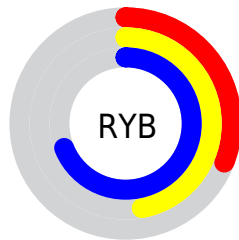
The CIELCh color `60, 25.342, 225.836` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `50, 38.574, 41.335`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 25.328, 225.780`, and `40, 25.296, 224.631` is the 20% darker color. If you saturate the color by 10%, you get `58, 28.196, 227.743`, and if you desaturate by 10%, it is `62, 21.870, 224.361`.

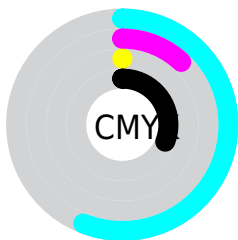
Distribution



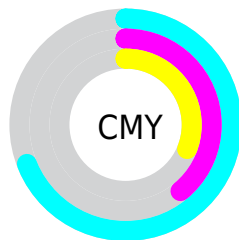
- Red (31%)
- Green (61%)
- Blue (69%)



- Red (31%)
- Yellow (47%)
- Blue (69%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)





- Cyan (69%)
- Magenta (39%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 25.342, 225.836 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, 25.342, 225.836 by changing the saturation by 10% instead.


 60, 25.342,
225.836


 60, 25.342,
225.836


 100, 25.342,
225.836


 50, 25.342,
225.836


 80, 25.342,
225.836

 40, 25.342,
225.836

 90, 25.342,
225.836

 30, 25.342,
225.836

 20, 25.342,
225.836

 10, 25.342,
225.836

 0, 25.342, 225.836

 60, 25.342,

 60, 25.342,

225.836

■ 58, 28.196,
227.743

■ 57, 30.410,
230.170

■ 55, 32.008,
233.196

■ 54, 33.089,
236.857

■ 53, 33.504,
238.488

225.836

■ 62, 21.870,
224.361

■ 64, 17.838,
223.242

■ 66, 13.320,
222.411

■ 68, 8.395, 221.818

■ 70, 3.141, 221.477

■ 73, 2.373, 40.816

■ 75, 8.085, 40.770

■ 78, 13.943, 40.688

■ 80, 19.906, 40.654

Harmonies

Complementary

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



60, 25.342, 225.836



50, 38.574, 41.335

Rectangle

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



60, 25.342, 225.836



60, 25.342, 275.836



60, 25.342, 45.836



60, 25.342, 95.836

Sweetspot

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



60, 25.341, 225.835



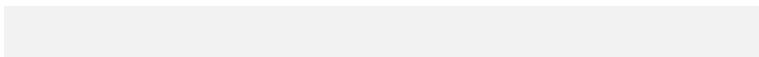
86, 11.210, 221.896



65, 55.706, 145.394



45, 7.448, 222.000



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 25.341, 225.835



74, 35.141, 228.283



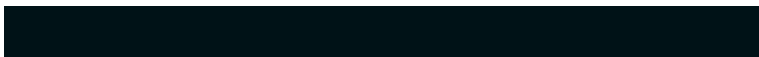
46, 41.078, 284.012



36, 3.036, 221.556



46, 29.821, 237.919



4, 6.405, 230.325

Inverse Universe

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



48, 54.815, 334.822



58, 78.096, 335.814



62, 40.108, 86.480



34, 5.678, 331.576



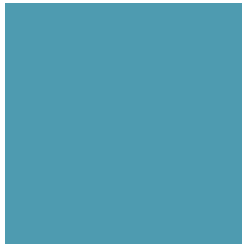
34, 66.228, 338.823



2, 11.291, 333.880

Previews

White Background



This preview shows how the CIE LCh color 60, 25.342, 225.836 looks on a white background.

Color Contrast Check

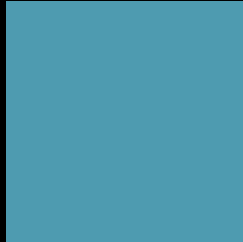
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 25.342, 225.836 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, 25.342, 225.836

Background



This preview shows how black text looks on a background with the CIELCh color 60, 25.342, 225.836.



This preview shows how white text looks on a background with the CIELCh color 60, 25.342, 225.836.

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, 25.342, 225.836

Protanopia

60, 14.178, 285.954

Deuteranopia

60, 21.504, 291.646



Tritanopia
60, 25.307, 214.440

Trichromacy



Original Color
60, 25.342, 225.836

Protanomaly
60, 16.653, 253.866

Deuteranomaly
59, 20.145, 263.602

Tritanomaly
60, 25.233, 217.276

Monochromacy



Original Color
60, 25.342, 225.836

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 10.773, 220.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 25.342, 225.836 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(78, 155, 176)` looks like.

```
.text, #text, p{  
    color:rgb(78, 155, 176)  
}
```

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(78, 155, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 155, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 25.342, 225.836 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(78, 155, 176) }
```

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

```
.border{ border-color:rgb(78, 155, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 155, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(78, 155,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 25.342, 225.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 155, 176) }
```

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

```
.background{ background-color: rgb(78, 155,  
176) }
```

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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