

Converting Colors

CIElCh(60, 29.325, 200.955)

Have a look what the booklet for
CIELCh(60, 29.325, 200.955)
contains.

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Color

CIELCh(60, 29.150, 201.413)

Conversions

Conversions Part 1

Format	Color
Hex	3A9EA2
RGB	58, 158, 162
RGB Percent	23%, 62%, 64%
CMY	0.7707, 0.3789, 0.3632
CMYK	0.64, 0.02, 0.00, 0.36
HSL	182°, 47%, 43%
HSV	182°, 64%, 64%
XYZ	20.6223, 28.1233, 38.7049
YIQ	128.5560, -60.8840, -19.9560

Conversions

Conversions Part 2

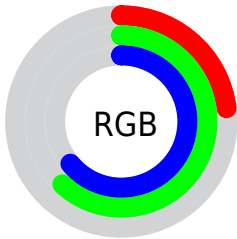
Format	Color
RYB	58, 109, 162
Decimal	3841698
CIELab	60.00, -27.14, -10.64
CIElCh	60, 29.150, 201.413
Yxy	28.1233, 0.2358, 0.3216
Android (android.graphics.Color)	4282031778 (0xFF3A9EA2)
YUV	128.5560, 16.4879, -61.8776
Hunter-Lab	53.0314, -23.3917, -6.1507

Details

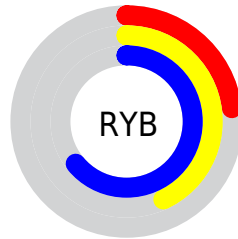
The CIELCh color **60, 29.150, 201.413** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **40, 47.603, 30.272**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 29.108, 201.640**, and **40, 25.720, 202.011** is the 20% darker color. If you saturate the color by 10%, you get **59, 31.382, 201.571**, and if you desaturate by 10%, it is **61, 26.175, 201.376**.

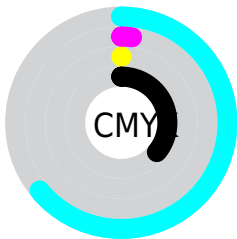
Distribution



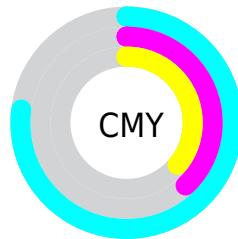
- Red (23%)
- Green (62%)
- Blue (64%)



- Red (23%)
- Yellow (43%)
- Blue (64%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)





- Cyan (77%)
- Magenta (38%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 29.150, 201.413 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, 29.150, 201.413 by changing the saturation by 10% instead.


 60, 29.150,
201.413


 60, 29.150,
201.413


 100, 29.150,
201.413


 50, 29.150,
201.413


 80, 29.150,
201.413

 40, 29.150,
201.413

 90, 29.150,
201.413

 30, 29.150,
201.413

 20, 29.150,
201.413

 10, 29.150,
201.413

 0, 29.150, 201.413

 60, 29.150,

 60, 29.150,

201.413

■ 59, 31.382,
201.571

■ 59, 32.869,
201.864

■ 59, 33.658,
202.296

■ 58, 33.948,
202.593

201.413

■ 61, 26.175,
201.376

■ 62, 22.498,
201.453

■ 63, 18.188,
201.630

■ 64, 13.331,
201.895

■ 65, 8.019, 202.245

■ 66, 2.344, 202.773

■ 68, 3.609, 22.869

■ 69, 9.765, 23.418

■ 71, 16.061, 23.930

Harmonies

Complementary

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



60, 29.150, 201.413



40, 47.603, 30.272

Rectangle

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



60, 29.150, 201.413



60, 29.150, 251.413



60, 29.150, 21.413



60, 29.150, 71.413

Sweetspot

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



60, 29.150, 201.412



82, 13.301, 202.046



59, 65.814, 139.687



43, 9.147, 201.955



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 29.150, 201.412



76, 39.134, 201.685



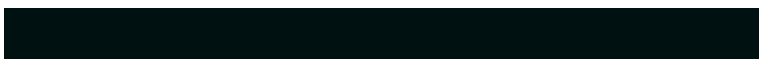
44, 34.824, 272.482



34, 3.297, 202.449



53, 31.313, 202.533



4, 5.196, 203.888

Inverse Universe

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



43, 64.597, 328.757



52, 89.771, 329.272



52, 40.001, 70.636



32, 6.106, 325.968



34, 73.807, 329.791



2, 9.373, 325.831

Previews

White Background



This preview shows how the CIE LCh color 60, 29.150, 201.413 looks on a white background.

Color Contrast Check

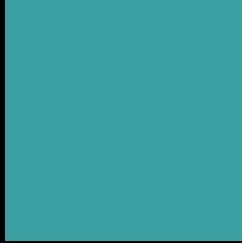
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.150, 201.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

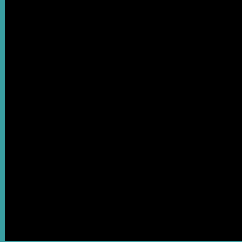
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 29.150, 201.413

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.150, 201.413.

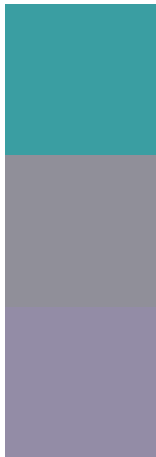


This preview shows how white text looks on a background with the CIELCh color 60, 29.150, 201.413.

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, 29.150, 201.413

Protanopia

60, 5.677, 294.646

Deuteranopia

60, 14.998, 301.645



Tritanopia
60, 27.960, 212.569

Trichromacy



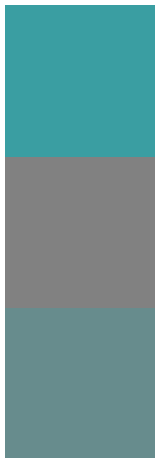
Original Color
60, 29.150, 201.413

Protanomaly
59, 13.206, 215.897

Deuteranomaly
59, 14.736, 242.718

Tritanomaly
60, 28.350, 207.503

Monochromacy



Original Color
60, 29.150, 201.413

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 13.384, 200.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.150, 201.413 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(58, 158, 162)` looks like.

```
.text, #text, p{  
    color:rgb(58, 158, 162)  
}
```

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(58, 158, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.150, 201.413 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(58, 158, 162) }
```

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

```
.border{ border-color:rgb(58, 158, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 158, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 158, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 158, 162);  
box-shadow:4px 4px 4px 4px rgb(58, 158,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.150, 201.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 162) }
```

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

```
.background{ background-color: rgb(58, 158,  
162) }
```

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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