

Converting Colors

CIELCh(60, 29.393, 212.654)

Have a look what the booklet for
CIELCh(60, 29.393, 212.654)
contains.

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Color

CIELCh(60, 29.448, 212.825)

Conversions

Conversions Part 1

Format	Color
Hex	369EAC
RGB	54, 158, 172
RGB Percent	21%, 62%, 67%
CMY	0.7894, 0.3813, 0.3264
CMYK	0.69, 0.08, 0.00, 0.33
HSL	187°, 52%, 44%
HSV	187°, 69%, 67%
XYZ	21.1188, 28.1233, 43.2315
YIQ	128.5000, -66.4780, -17.6940

Conversions

Conversions Part 2

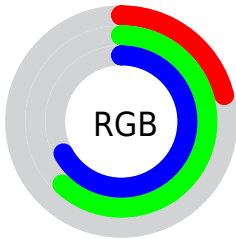
Format	Color
RYB	54, 109, 172
Decimal	3579564
CIELab	60.00, -24.75, -15.96
CIElCh	60, 29.448, 212.825
Yxy	28.1233, 0.2284, 0.3041
Android (android.graphics.Color)	4281769644 (0xFF369EAC)
YUV	128.5000, 21.4455, -65.3365
Hunter-Lab	53.0314, -21.7207, -11.2115

Details

The CIELCh color `60, 29.448, 212.825` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `43, 51.564, 35.888`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `80, 29.462, 212.316`, and `41, 25.343, 216.713` is the 20% darker color. If you saturate the color by 10%, you get `59, 31.227, 214.062`, and if you desaturate by 10%, it is `61, 26.921, 211.899`.

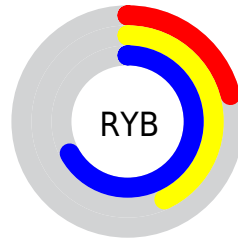
Distribution



Red (21%)

Green (62%)

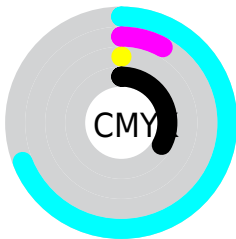
Blue (67%)



Red (21%)

Yellow (43%)

Blue (67%)

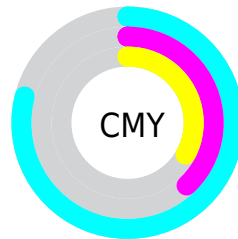


Cyan (69%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (79%)


Magenta (38%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 29.448, 212.825 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, 29.448, 212.825 by changing the saturation by 10% instead.


 60, 29.448,
212.825


 60, 29.448,
212.825


 100, 29.448,
212.825


 50, 29.448,
212.825


 80, 29.448,
212.825

 40, 29.448,
212.825

 90, 29.448,
212.825

 30, 29.448,
212.825

 20, 29.448,
212.825

 10, 29.448,
212.825

 0, 29.448, 212.825

 60, 29.448,

 60, 29.448,

212.825

■ 59, 31.227,
214.062

■ 58, 32.280,
215.661

■ 57, 32.752,
217.605

■ 57, 32.803,
217.856

212.825

■ 61, 26.921,
211.899

■ 62, 23.674,
211.242

■ 64, 19.768,
210.807

■ 65, 15.285,
210.556

■ 67, 10.314,
210.461

■ 69, 4.947, 210.519

■ 71, 0.734, 29.841

■ 72, 6.652, 30.612

■ 75, 12.746, 30.871

Harmonies

Complementary

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



60, 29.448, 212.825



43, 51.564, 35.888

Rectangle

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



60, 29.448, 212.825



60, 29.448, 262.825



60, 29.448, 32.825



60, 29.448, 82.825

Sweetspot

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



60, 29.447, 212.824



85, 14.248, 210.472



62, 69.210, 141.161



44, 9.546, 210.493



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 29.447, 212.824



75, 38.838, 214.773



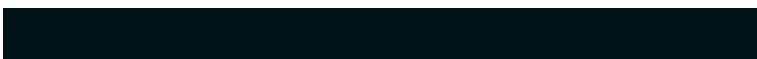
42, 44.518, 281.762



36, 3.227, 210.510



51, 29.776, 217.597



5, 6.742, 215.803

Inverse Universe

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



44, 67.355, 331.835



54, 91.495, 332.643



56, 46.247, 77.507



34, 6.075, 328.351



34, 71.147, 333.498



2, 12.332, 329.419

Previews

White Background



This preview shows how the CIE LCh color 60, 29.448, 212.825 looks on a white background.

Color Contrast Check

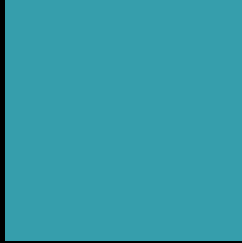
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.448, 212.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

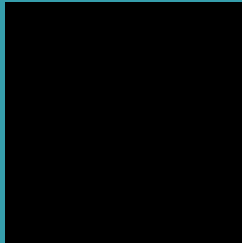
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 29.448, 212.825

Background



This preview shows how black text looks on a background with the CIELCh color 60, 29.448, 212.825.




This preview shows how white text looks on a background with the CIELCh color 60, 29.448, 212.825.

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
60, 29.582, 211.575

Trichromacy



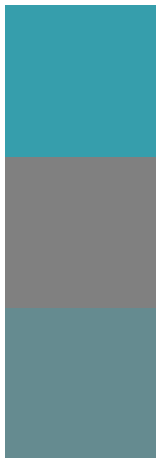
Original Color
60, 29.448, 212.825

Protanomaly
59, 16.358, 237.290

Deuteranomaly
59, 19.157, 252.103

Tritanomaly
60, 29.582, 211.575

Monochromacy



Original Color
60, 29.448, 212.825

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 13.743, 210.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 29.448, 212.825 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(54, 158, 172)` looks like.

```
.text, #text, p{  
    color:rgb(54, 158, 172)  
}
```

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(54, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 158, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 29.448, 212.825 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(54, 158, 172) }
```

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

```
.border{ border-color:rgb(54, 158, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 158, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 158, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 158, 172);  
box-shadow:4px 4px 4px 4px rgb(54, 158,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 29.448, 212.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 158, 172) }
```

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

```
.background{ background-color: rgb(54, 158,  
172) }
```

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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