

Converting Colors

CIELCh(60, 13.258, 239.720)

Have a look what the booklet for
CIELCh(60, 13.258, 239.720)
contains.

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Color

CIELCh(60, 13.245, 238.674)

Conversions

Conversions Part 1

Format	Color
Hex	7795A4
RGB	119, 149, 164
RGB Percent	47%, 58%, 64%
CMY	0.5331, 0.4154, 0.3566
CMYK	0.27, 0.09, 0.00, 0.36
HSL	200°, 20%, 56%
HSV	200°, 27%, 64%
XYZ	25.0799, 28.1233, 39.2582
YIQ	141.7400, -22.6950, -1.6950

Conversions

Conversions Part 2

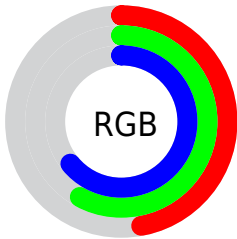
Format	Color
R_{YB}	119, 137, 164
Decimal	7837092
CIE _{Lab}	60.00, -6.89, -11.31
CIE _{LCh}	60, 13.245, 238.674
Yxy	28.1233, 0.2712, 0.3042
Android (android.graphics.Color)	4286027172 (0xFF7795A4)
YUV	141.7400, 10.9742, -19.9430
Hunter-Lab	53.0314, -8.3879, -6.7693

Details

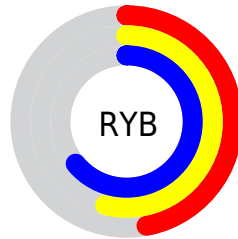
The CIELCh color `60, 13.245, 238.674` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `58, 15.363, 53.650`, and the grayscale version is `59, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 13.302, 238.878`, and `40, 13.185, 239.102` is the 20% darker color. If you saturate the color by 10%, you get `57, 17.598, 240.257`, and if you desaturate by 10%, it is `63, 8.609, 237.404`.

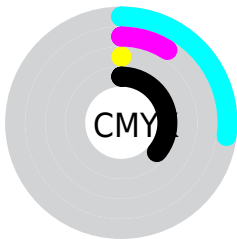
Distribution



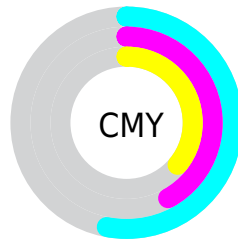
- Red (47%)
- Green (58%)
- Blue (64%)



- Red (47%)
- Yellow (54%)
- Blue (64%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)





- Cyan (53%)
- Magenta (42%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 13.245, 238.674 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, 13.245, 238.674 by changing the saturation by 10% instead.


 60, 13.245,
238.674


 60, 13.245,
238.674


 100, 13.245,
238.674


 50, 13.245,
238.674


 80, 13.245,
238.674

 40, 13.245,
238.674

 90, 13.245,
238.674


 30, 13.245,
238.674

 20, 13.245,
238.674

 10, 13.245,
238.674

 0, 13.245, 238.674

 60, 13.245,

 60, 13.245,

238.674

238.674

■ 57, 17.598,
240.257

■ 63, 8.609, 237.404

■ 55, 21.618,
242.236

■ 65, 3.741, 236.437

■ 68, 1.310, 55.172

■ 53, 25.267,
244.686

■ 71, 6.501, 54.757

■ 50, 28.525,
247.690

■ 74, 11.795, 54.241

■ 77, 17.162, 53.807

■ 48, 31.411,
251.315

■ 80, 22.576, 53.448

■ 46, 33.991,
255.582

■ 82, 28.016, 53.150

■ 84, 29.453, 57.729

■ 44, 36.408,
260.364

■ 44, 37.052,
261.563

Harmonies

Complementary

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



60, 13.245, 238.674



58, 15.363, 53.650

Rectangle

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



60, 13.245, 238.674



60, 13.245, 288.674



60, 13.245, 58.674



60, 13.245, 108.674

Sweetspot

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



60, 13.245, 238.669



83, 4.999, 236.494



64, 24.372, 152.813



43, 3.537, 236.617



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, 13.245, 238.669



75, 19.483, 239.610



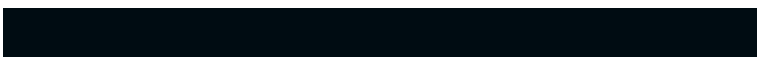
54, 21.314, 285.056



33, 2.827, 236.587



39, 33.705, 260.990



3, 4.522, 242.807

Inverse Universe

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



55, 24.371, 337.670



68, 36.396, 338.186



64, 20.594, 98.297



32, 4.960, 336.268



32, 59.720, 346.927



1, 7.348, 338.208

Previews

White Background



This preview shows how the CIELCh color 60, 13.245, 238.674 looks on a white background.

Color Contrast Check

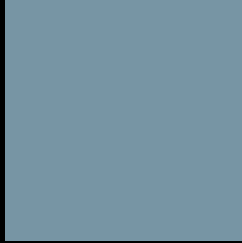
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.245, 238.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

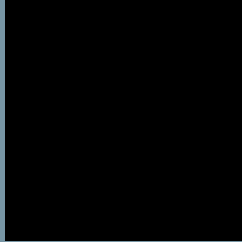
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

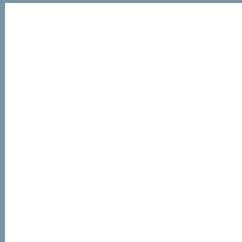
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 13.245, 238.674

Background



This preview shows how black text looks on a background with the CIELCh color 60, 13.245, 238.674.



This preview shows how white text looks on a background with the CIELCh color 60, 13.245, 238.674.

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, 13.245, 238.674

Protanopia

60, 9.616, 289.063

Deuteranopia

60, 14.424, 301.991



Tritanopia
60, 12.650, 231.185

Trichromacy



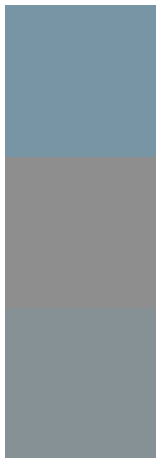
Original Color
60, 13.245, 238.674

Protanomaly
60, 9.792, 267.089

Deuteranomaly
60, 12.075, 279.433

Tritanomaly
60, 12.913, 233.474

Monochromacy



Original Color
60, 13.245, 238.674

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 4.956, 234.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 13.245, 238.674 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(119, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(119, 149, 164)  
}
```

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(119, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 13.245, 238.674 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(119, 149, 164) }
```

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

```
.border{ border-color:rgb(119, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 13.245, 238.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 164) }
```

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

```
.background{ background-color: rgb(119,  
149, 164) }
```

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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