

Converting Colors

CIELCh(68, 12.619, 241.802)

Have a look what the booklet for
CIELCh(68, 12.619, 241.802)
contains.

CIELCh(68, 12.547, 240.200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 12.547, 240.200)

Conversions

Conversions Part 1

Format	Color
Hex	8EAAB9
RGB	142, 170, 185
RGB Percent	56%, 67%, 73%
CMY	0.4434, 0.3336, 0.2747
CMYK	0.23, 0.08, 0.00, 0.27
HSL	201°, 23%, 64%
HSV	201°, 23%, 73%
XYZ	34.2585, 37.9720, 51.3884
YIQ	163.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

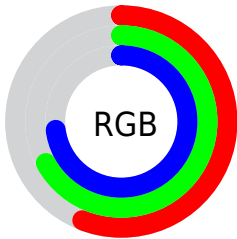
Format	Color
R _Y B	142, 159, 185
Decimal	9349817
CIE Lab	68.00, -6.24, -10.89
CIE LCh	68, 12.547, 240.200
Yxy	37.9720, 0.2771, 0.3072
Android (android.graphics.Color)	4287539897 (0xFF8EAAB9)
YUV	163.3380, 10.6794, -18.7134
Hunter-Lab	61.6215, -8.6002, -6.3091

Details

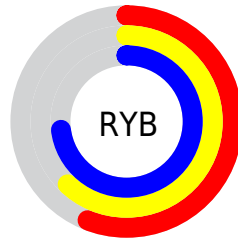
The CIELCh color `68, 12.547, 240.200` is a light color, and the websafe version is hex `999999`. A complement of this color would be `67, 14.138, 55.688`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 12.631, 240.521`, and `48, 12.492, 240.231` is the 20% darker color. If you saturate the color by 10%, you get `65, 17.524, 241.732`, and if you desaturate by 10%, it is `71, 7.295, 238.970`.

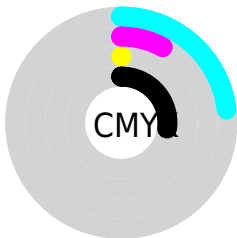
Distribution



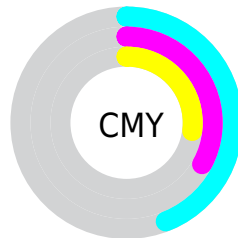
- Red (56%)
- Green (67%)
- Blue (73%)



- Red (56%)
- Yellow (62%)
- Blue (73%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (27%)




- Cyan (44%)
- Magenta (33%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 12.547, 240.200 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 68, 12.547, 240.200 by changing the saturation by 10% instead.


 68, 12.547,
240.200


 68, 12.547,
240.200


 100, 12.547,
240.200


 58, 12.547,
240.200


 88, 12.547,
240.200

 48, 12.547,
240.200

 98, 12.547,
240.200

 38, 12.547,
240.200

 28, 12.547,
240.200

 18, 12.547,
240.200

 8, 12.547, 240.200

 0, 12.547, 240.200

68, 12.547,
240.200

68, 12.547,
240.200

65, 17.524,
241.732

71, 7.295, 238.970

62, 22.173,
243.645

74, 1.822, 238.144

77, 3.822, 56.957

59, 26.448,
246.011

80, 9.595, 56.358

57, 30.323,
248.913

84, 15.459, 55.826

87, 21.386, 55.380

54, 33.807,
252.422

89, 22.236, 64.475

52, 36.957,
256.574

90, 23.103, 74.291

92, 24.599, 83.109

50, 39.889,
261.324

48, 41.876,

264.650

Harmonies

Complementary

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



68, 12.547, 240.200



67, 14.138, 55.688

Rectangle

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



68, 12.547, 240.200



68, 12.547, 290.200



68, 12.547, 60.200



68, 12.547, 110.200

Sweetspot

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



68, 12.547, 240.194



92, 4.811, 238.376



71, 22.504, 153.855



49, 3.121, 238.426



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 12.547, 240.194



84, 18.435, 240.953



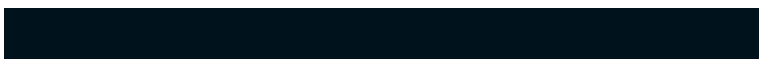
62, 20.184, 285.336



37, 3.123, 238.573



41, 36.537, 263.898



5, 8.948, 251.721

Inverse Universe

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



64, 22.519, 338.046



78, 33.511, 338.480



72, 19.556, 99.743



36, 5.408, 336.953



34, 62.138, 348.273



3, 13.518, 342.073

Previews

White Background



This preview shows how the CIELCh color 68, 12.547, 240.200 looks on a white background.

Color Contrast Check

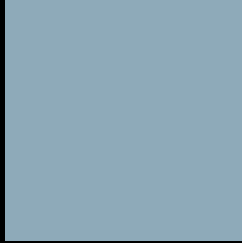
Large Text (above 18pt) WCAG AA × Fail

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 68, 12.547, 240.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

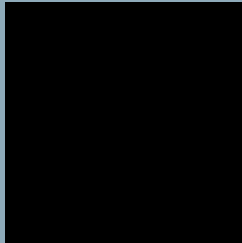
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

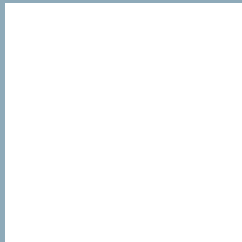
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 12.547, 240.200

Background



This preview shows how black text looks on a background with the CIELCh color 68, 12.547, 240.200.



This preview shows how white text looks on a background with the CIELCh color 68, 12.547, 240.200.

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](#).

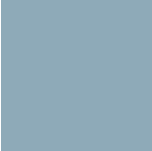
Dichromacy



Original Color
68, 12.547, 240.200

Protanopia
68, 9.378, 291.139

Deuteranopia
68, 14.860, 305.667



Tritanopia
68, 12.229, 238.079

Trichromacy



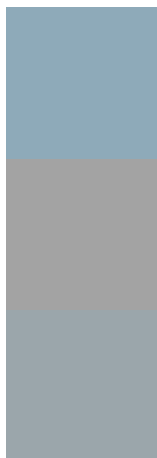
Original Color
68, 12.547, 240.200

Protanomaly
68, 9.438, 268.784

Deuteranomaly
68, 12.190, 284.706

Tritanomaly
68, 12.229, 238.079

Monochromacy



Original Color
68, 12.547, 240.200

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.850, 233.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 12.547, 240.200 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(142, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(142, 170, 185)  
}
```

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(142, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 170, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 12.547, 240.200 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(142, 170, 185) }
```

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

```
.border{ border-color:rgb(142, 170, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(142, 170,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 12.547, 240.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 170, 185) }
```

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

```
.background{ background-color: rgb(142,  
170, 185) }
```

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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