

Converting Colors

CIELCh(69, 7.520, 242.037)

Have a look what the booklet for
CIELCh(69, 7.520, 242.037) contains.

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Color

CIELCh(69, 7.493, 240.478)

Conversions

Conversions Part 1

Format	Color
Hex	9BABB4
RGB	155, 171, 180
RGB Percent	61%, 67%, 71%
CMY	0.3925, 0.3297, 0.2945
CMYK	0.14, 0.05, 0.00, 0.29
HSL	202°, 14%, 66%
HSV	202°, 14%, 71%
XYZ	36.2764, 39.3444, 48.8153
YIQ	167.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

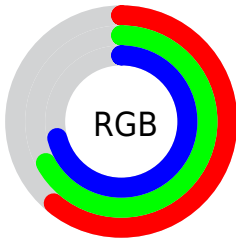
Format	Color
RYB	155, 165, 180
Decimal	10202036
CIELab	69.00, -3.69, -6.52
CIELCh	69, 7.493, 240.478
Yxy	39.3444, 0.2915, 0.3162
Android (android.graphics.Color)	4288392116 (0xFF9BABB4)
YUV	167.2420, 6.2897, -10.7362
Hunter-Lab	62.7251, -6.5352, -2.2344

Details

The CIELCh color $69, 7.493, 240.478$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.998, 57.725$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 7.499, 243.296$, and $49, 7.273, 239.335$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.640, 241.750$, and if you desaturate by 10%, it is $72, 2.137, 239.548$.

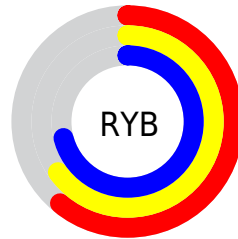
Distribution



Red (61%)

Green (67%)

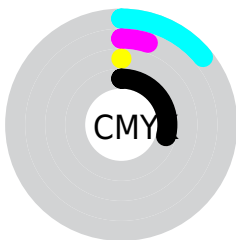
Blue (71%)



Red (61%)

Yellow (65%)

Blue (71%)

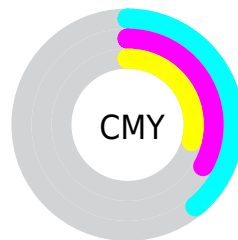


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (39%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.493, 240.478 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 69, 7.493, 240.478 by changing the saturation by 10% instead.

■ 69, 7.493, 240.478

■ 69, 7.493, 240.478

■ 100, 7.493,
240.478

■ 59, 7.493, 240.478

■ 89, 7.493, 240.478

■ 49, 7.493, 240.478

■ 99, 7.493, 240.478

■ 39, 7.493, 240.478

■ 29, 7.493, 240.478

■ 19, 7.493, 240.478

■ 9, 7.493, 240.478

■ 0, 7.493, 240.478

■ 69, 7.493, 240.478

■ 69, 7.493, 240.478

■ 66, 12.640,

■ 72, 2.137, 239.548

241.750

75, 3.381, 58.348

63, 17.528,
243.352

78, 9.019, 57.716

60, 22.110,
245.336

82, 14.745, 57.146

57, 26.342,
247.777

85, 20.527, 56.665

55, 30.205,
250.756

87, 23.835, 60.631

52, 33.712,
254.340

89, 24.404, 70.023

50, 36.926,
258.552

90, 25.602, 78.724

48, 39.962,
263.336

92, 27.337, 86.439

46, 41.843,
266.317

Harmonies

Complementary

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



69, 7.493, 240.478



68, 7.998, 57.725

Rectangle

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



69, 7.493, 240.478



69, 7.493, 290.478



69, 7.493, 60.478



69, 7.493, 110.478

Sweetspot

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



69, 7.493, 240.466



91, 2.722, 239.556



71, 12.975, 155.369



48, 1.930, 239.598



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 7.493, 240.466



86, 11.304, 240.868



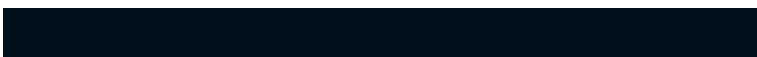
66, 11.842, 284.894



36, 3.058, 239.979



40, 36.812, 265.601



4, 7.855, 252.034

Inverse Universe

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



67, 12.992, 337.799



83, 19.768, 338.067



72, 11.605, 101.739



35, 5.242, 337.442



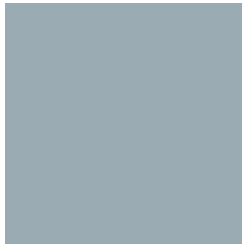
33, 61.035, 349.113



2, 11.639, 342.045

Previews

White Background



This preview shows how the CIELCh color 69, 7.493, 240.478 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 69, 7.493, 240.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

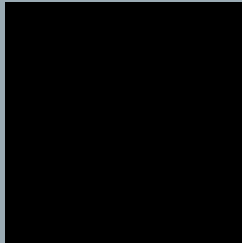
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

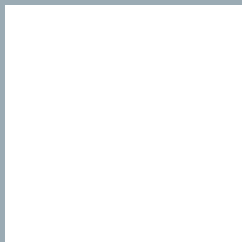
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 7.493, 240.478

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.493, 240.478.



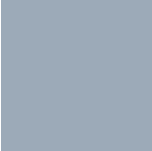
This preview shows how white text looks on a background with the CIELCh color 69, 7.493, 240.478.

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
69, 9.060, 257.514

Trichromacy



Original Color
69, 7.493, 240.478

Protanomaly
69, 6.283, 273.922

Deuteranomaly
69, 8.405, 301.051

Tritanomaly
69, 8.616, 255.382

Monochromacy



Original Color
69, 7.493, 240.478

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.856, 249.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.493, 240.478 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(155, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 180)  
}
```

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(155, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.493, 240.478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

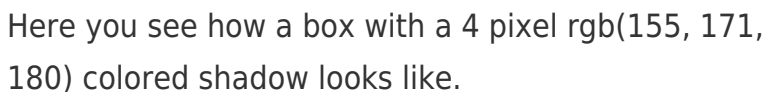
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 171, 180) }
```

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

```
.border{ border-color:rgb(155, 171, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 171, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 171, 180); box-shadow:4px 4px 4px 4px rgb(155, 171, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.493, 240.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 180) }
```

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

```
.background{ background-color: rgb(155,  
171, 180) }
```

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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