

Converting Colors

CIELCh(69, 8.352, 240.294)

Have a look what the booklet for
CIELCh(69, 8.352, 240.294) contains.

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Color

CIELCh(69, 8.352, 240.294)

Conversions

Conversions Part 1

Format	Color
Hex	99ABB5
RGB	153, 171, 181
RGB Percent	60%, 67%, 71%
CMY	0.3992, 0.3286, 0.2893
CMYK	0.15, 0.06, 0.00, 0.29
HSL	201°, 16%, 66%
HSV	201°, 15%, 71%
XYZ	36.1426, 39.3444, 49.5212
YIQ	166.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

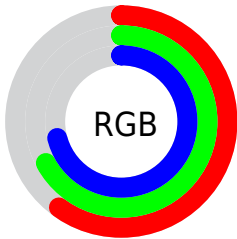
Format	Color
RYB	153, 164, 181
Decimal	10070965
CIELab	69.00, -4.14, -7.25
CIELCh	69, 8.352, 240.294
Yxy	39.3444, 0.2891, 0.3147
Android (android.graphics.Color)	4288261045 (0xFF99ABB5)
YUV	166.7580, 7.0213, -12.0658
Hunter-Lab	62.7251, -6.9161, -2.9016

Details

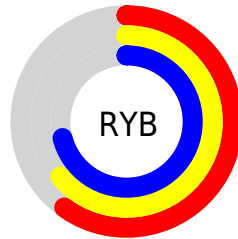
The CIELCh color $69, 8.352, 240.294$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.994, 57.265$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 8.326, 242.771$, and $49, 8.171, 239.379$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.484, 241.604$, and if you desaturate by 10%, it is $72, 2.999, 239.289$.

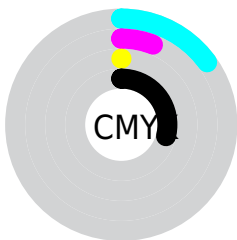
Distribution



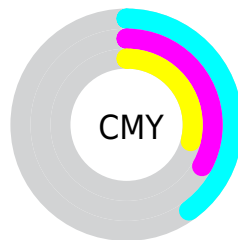
- Red (60%)
- Green (67%)
- Blue (71%)



- Red (60%)
- Yellow (64%)
- Blue (71%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.352, 240.294 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, 8.352, 240.294 by changing the saturation by 10% instead.

■ 69, 8.352, 240.294

■ 69, 8.352, 240.294

■ 100, 8.352,
240.294

■ 59, 8.352, 240.294

■ 89, 8.352, 240.294

■ 49, 8.352, 240.294

■ 99, 8.352, 240.294

■ 39, 8.352, 240.294

■ 29, 8.352, 240.294

■ 19, 8.352, 240.294

■ 9, 8.352, 240.294

■ 0, 8.352, 240.294

■ 69, 8.352, 240.294

■ 69, 8.352, 240.294

■ 66, 13.484,

■ 72, 2.999, 239.289

241.604

75, 2.526, 58.082

63, 18.345,
243.251

78, 8.181, 57.476

60, 22.885,
245.290

82, 13.929, 56.900

57, 27.064,
247.799

85, 19.740, 56.414

55, 30.866,
250.860

89, 23.895, 69.509

52, 34.309,
254.534

90, 25.067, 78.412

50, 37.464,
258.839

92, 26.792, 86.299

48, 40.460,
263.696

47, 41.857,
265.901

Harmonies

Complementary

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



69, 8.352, 240.294



68, 8.994, 57.265

Rectangle

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



69, 8.352, 240.294



69, 8.352, 290.294



69, 8.352, 60.294



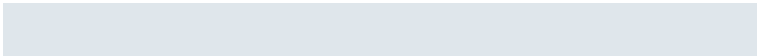
69, 8.352, 110.294

Sweetspot

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



69, 8.352, 240.283



91, 3.394, 239.263



71, 14.520, 155.238



48, 2.311, 239.312



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, 8.352, 240.283



86, 12.574, 240.758



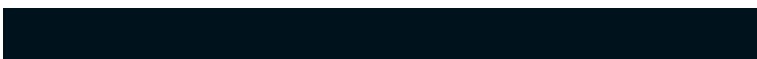
65, 13.281, 285.100



37, 3.128, 239.625



40, 37.099, 265.232



5, 9.003, 252.771

Inverse Universe

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



66, 14.579, 337.794



82, 22.163, 338.101



72, 12.986, 101.567



36, 5.376, 337.319



34, 61.857, 348.928



3, 13.431, 342.547

Previews

White Background



This preview shows how the CIELCh color 69, 8.352, 240.294 looks on a white background.

Color Contrast Check

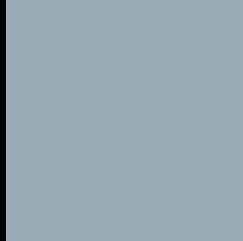
Large Text (above 18pt) WCAG AA × Fail

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, 8.352, 240.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

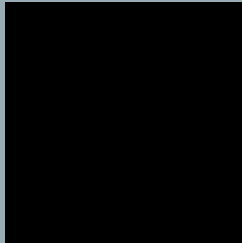
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

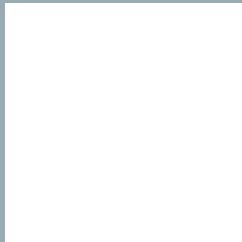
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 8.352, 240.294

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.352, 240.294.



This preview shows how white text looks on a background with the CIELCh color 69, 8.352, 240.294.

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

69, 8.352, 240.294

Protanopia

69, 6.616, 294.033

Deuteranopia

69, 12.373, 317.742



Tritanopia
69, 9.227, 249.971

Trichromacy



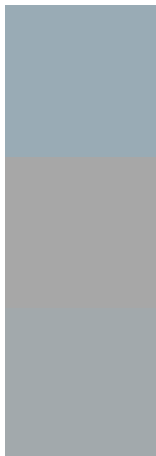
Original Color
69, 8.352, 240.294

Protanomaly
69, 6.383, 270.791

Deuteranomaly
69, 8.890, 298.142

Tritanomaly
69, 8.832, 247.516

Monochromacy



Original Color
69, 8.352, 240.294

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.051, 232.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.352, 240.294 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(153, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(153, 171, 181)  
}
```

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(153, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 171, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.352, 240.294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

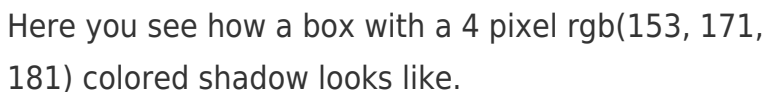
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 171, 181) }
```

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

```
.border{ border-color:rgb(153, 171, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 171, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 171, 181); box-shadow:4px 4px 4px 4px rgb(153, 171, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.352, 240.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 171, 181) }
```

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

```
.background{ background-color: rgb(153,  
171, 181) }
```

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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