

Converting Colors

CIELCh(65, 7.569, 240.574)

Have a look what the booklet for
CIELCh(65, 7.569, 240.574) contains.

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Color

CIELCh(65, 7.569, 240.574)

Conversions

Conversions Part 1

Format	Color
Hex	90A0A9
RGB	144, 160, 169
RGB Percent	56%, 63%, 66%
CMY	0.4344, 0.3716, 0.3363
CMYK	0.15, 0.05, 0.00, 0.34
HSL	202°, 13%, 61%
HSV	202°, 15%, 66%
XYZ	31.3378, 34.0472, 42.5733
YIQ	156.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

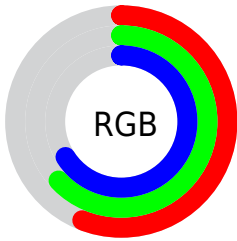
Format	Color
RYB	144, 154, 169
Decimal	9478313
CIELab	65.00, -3.72, -6.59
CIELCh	65, 7.569, 240.574
Yxy	34.0472, 0.2903, 0.3154
Android (android.graphics.Color)	4287668393 (0xFF90A0A9)
YUV	156.2420, 6.2897, -10.7362
Hunter-Lab	58.3500, -6.2462, -2.4142

Details

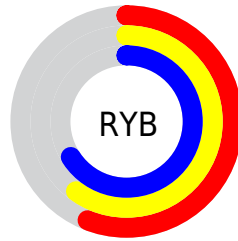
The CIELCh color $65, 7.569, 240.574$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.114, 57.662$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.484, 238.475$, and $45, 7.643, 237.691$ is the 20% darker color. If you saturate the color by 10%, you get $62, 12.448, 241.864$, and if you desaturate by 10%, it is $68, 2.488, 239.598$.

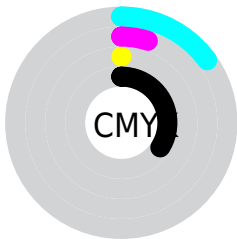
Distribution



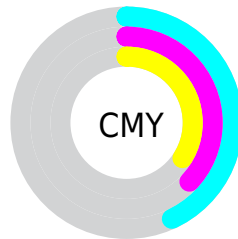
- Red (56%)
- Green (63%)
- Blue (66%)



- Red (56%)
- Yellow (60%)
- Blue (66%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (43%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.569, 240.574 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 65, 7.569, 240.574 by changing the saturation by 10% instead.

■ 65, 7.569, 240.574

■ 65, 7.569, 240.574

■ 100, 7.569,
240.574

■ 55, 7.569, 240.574

■ 85, 7.569, 240.574

■ 45, 7.569, 240.574

■ 95, 7.569, 240.574

■ 35, 7.569, 240.574

■ 25, 7.569, 240.574

■ 15, 7.569, 240.574

■ 5, 7.569, 240.574

■ 0, 7.569, 240.574

■ 65, 7.569, 240.574

■ 65, 7.569, 240.574

■ 62, 12.448,

■ 68, 2.488, 239.598

241.864

71, 2.749, 58.400

59, 17.079,
243.486

74, 8.105, 57.778

57, 21.415,
245.489

77, 13.545, 57.202

54, 25.420,
247.952

80, 19.042, 56.715

52, 29.074,
250.953

83, 24.573, 56.304

49, 32.393,
254.556

85, 27.594, 59.650

47, 35.439,
258.781

87, 27.970, 67.338

45, 38.324,
263.564

44, 39.868,
266.064

Harmonies

Complementary

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



65, 7.569, 240.574



64, 8.114, 57.662

Rectangle

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



65, 7.569, 240.574



65, 7.569, 290.574



65, 7.569, 60.574



65, 7.569, 110.574

Sweetspot

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



65, 7.569, 240.562



86, 2.577, 239.559



67, 13.128, 155.301



45, 1.826, 239.600



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 7.569, 240.562



81, 11.311, 240.990



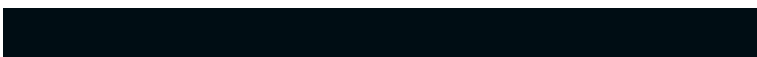
62, 11.995, 285.000



34, 2.913, 239.976



38, 35.842, 265.441



3, 5.545, 248.396

Inverse Universe

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



63, 13.150, 337.864



77, 19.827, 338.144



68, 11.741, 101.650



33, 4.992, 337.438



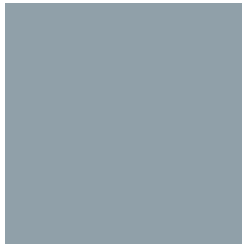
32, 59.572, 349.032



2, 8.546, 340.438

Previews

White Background



This preview shows how the CIELCh color 65, 7.569, 240.574 looks on a white background.

Color Contrast Check

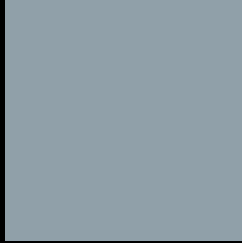
Large Text (above 18pt) WCAG AA × Fail

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 65, 7.569, 240.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

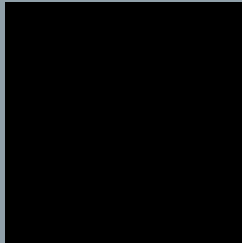
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

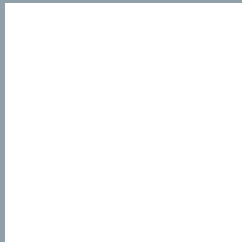
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 7.569, 240.574

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.569, 240.574.



This preview shows how white text looks on a background with the CIELCh color 65, 7.569, 240.574.

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

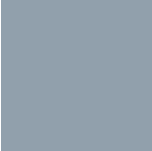
65, 7.569, 240.574

Protanopia

65, 5.582, 294.603

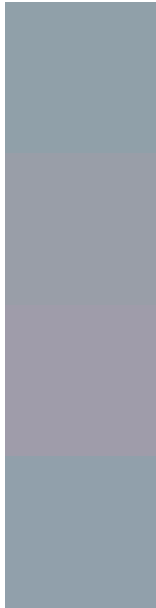
Deuteranopia

65, 11.357, 318.577



Tritanopia
65, 8.476, 251.208

Trichromacy



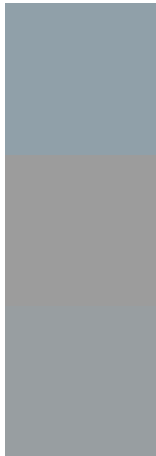
Original Color
65, 7.569, 240.574

Protanomaly
65, 5.825, 272.301

Deuteranomaly
65, 7.889, 299.098

Tritanomaly
65, 8.068, 248.558

Monochromacy



Original Color
65, 7.569, 240.574

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.782, 236.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.569, 240.574 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(144, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(144, 160, 169)  
}
```

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(144, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 160, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.569, 240.574 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(144, 160, 169) }
```

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

```
.border{ border-color:rgb(144, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(144, 160,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.569, 240.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 160, 169) }
```

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

```
.background{ background-color: rgb(144,  
160, 169) }
```

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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