

Converting Colors

CIELCh(69, 7.352, 145.259)

Have a look what the booklet for
CIELCh(69, 7.352, 145.259) contains.

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Color

CIELCh(69, 6.928, 146.658)

Conversions

Conversions Part 1

Format	Color
Hex	A0ABA1
RGB	160, 171, 161
RGB Percent	63%, 67%, 63%
CMY	0.3713, 0.3281, 0.3673
CMYK	0.06, 0.00, 0.06, 0.33
HSL	125°, 6%, 65%
HSV	125°, 6%, 67%
XYZ	35.6513, 39.3444, 39.5861
YIQ	166.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

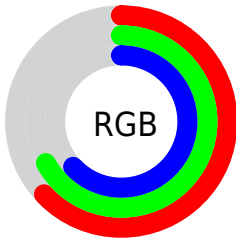
Format	Color
RYB	160, 170, 171
Decimal	10529697
CIELab	69.00, -5.79, 3.81
CIELCh	69, 6.928, 146.658
Yxy	39.3444, 0.3111, 0.3434
Android (android.graphics.Color)	4288719777 (0xFFA0ABA1)
YUV	166.5710, -2.7465, -5.7628
Hunter-Lab	62.7251, -8.3142, 6.4894

Details

The CIELCh color $69, 6.928, 146.658$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 6.947, 327.324$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 6.567, 146.758$, and $49, 6.694, 146.816$ is the 20% darker color. If you saturate the color by 10%, you get $67, 17.825, 145.970$, and if you desaturate by 10%, it is $71, 3.836, 327.126$.

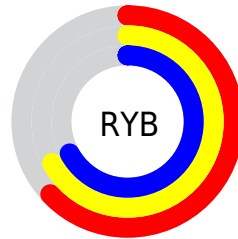
Distribution



Red (63%)

Green (67%)

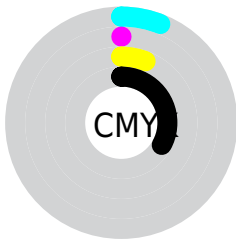
Blue (63%)



Red (63%)

Yellow (67%)

Blue (67%)

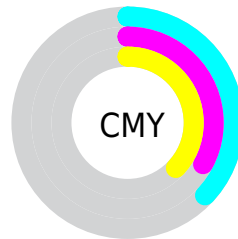


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.928, 146.658 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, 6.928, 146.658 by changing the saturation by 10% instead.

■ 69, 6.928, 146.658

■ 69, 6.928, 146.658

■ 100, 6.928,
146.658

■ 59, 6.928, 146.658

■ 89, 6.928, 146.658

■ 49, 6.928, 146.658

■ 99, 6.928, 146.658

■ 39, 6.928, 146.658

■ 29, 6.928, 146.658

■ 19, 6.928, 146.658

■ 9, 6.928, 146.658

■ 0, 6.928, 146.658

■ 69, 6.928, 146.658

■ 69, 6.928, 146.658

■ 67, 17.825,

■ 71, 3.836, 327.126

145.970

73, 14.385,
327.661

66, 28.722,
145.186

75, 24.658,
328.086

65, 39.456,
144.280

77, 34.621,
328.450

64, 49.812,
143.239

79, 44.255,
328.764

63, 59.536,
142.068

81, 52.201,
326.297

62, 68.335,
140.792

81, 52.288,
326.228

62, 75.887,
139.469

61, 81.868,
138.197

61, 86.023,
137.119

Harmonies

Complementary

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



69, 6.928, 146.658



67, 6.947, 327.324

Rectangle

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



69, 6.928, 146.658



69, 6.928, 196.658



69, 6.928, 326.658



69, 6.928, 16.658

Sweetspot

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



69, 6.930, 146.658



88, 2.647, 146.997



70, 6.017, 112.926



47, 1.517, 147.010



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 6.930, 146.658



87, 10.663, 146.543



69, 4.860, 167.926



36, 6.181, 146.465



54, 78.946, 136.974



6, 13.168, 146.504

Inverse Universe

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



67, 6.947, 327.324



84, 10.686, 327.428



67, 4.924, 348.880



34, 6.193, 327.499



35, 72.678, 332.146



2, 12.664, 328.201

Previews

White Background



This preview shows how the CIELCh color 69, 6.928, 146.658 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 CIELCh color 69, 6.928, 146.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

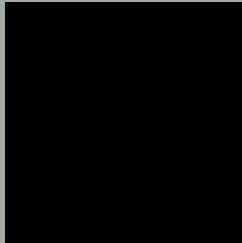
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

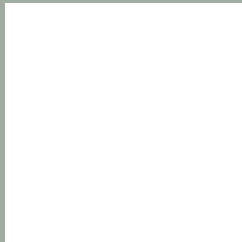
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.928, 146.658

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.928, 146.658.



This preview shows how white text looks on a background with the CIELCh color 69, 6.928, 146.658.

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

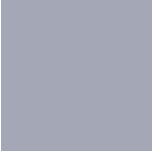
69, 6.928, 146.658

Protanopia

69, 5.276, 88.135

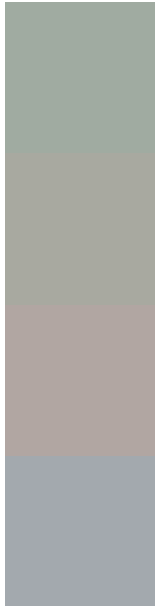
Deuteranopia

69, 8.937, 20.156



Tritanopia
69, 7.801, 280.248

Trichromacy



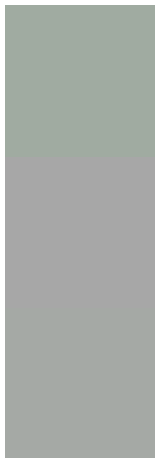
Original Color
69, 6.928, 146.658

Protanomaly
69, 4.940, 114.126

Deuteranomaly
69, 4.768, 46.927

Tritanomaly
69, 3.500, 251.191

Monochromacy



Original Color
69, 6.928, 146.658

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 2.675, 144.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.928, 146.658 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(160, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 161)  
}
```

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(160, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.928, 146.658 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(160, 171, 161) }
```

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

```
.border{ border-color:rgb(160, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.928, 146.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 161) }
```

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

```
.background{ background-color: rgb(160,  
171, 161) }
```

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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