

Converting Colors

CIELCh(69, 3.923, 186.757)

Have a look what the booklet for
CIELCh(69, 3.923, 186.757) contains.

CIELCh(69, 4.258, 184.203)	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(69, 4.258, 184.203)

Conversions

Conversions Part 1

Format	Color
Hex	A0ABA9
RGB	160, 171, 169
RGB Percent	63%, 67%, 66%
CMY	0.3734, 0.3303, 0.3382
CMYK	0.06, 0.00, 0.01, 0.33
HSL	169°, 6%, 65%
HSV	169°, 6%, 67%
XYZ	36.1104, 39.3444, 43.1136
YIQ	167.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

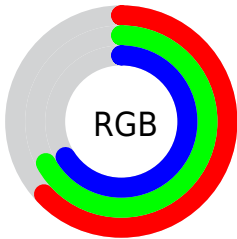
Format	Color
RYB	160, 166, 171
Decimal	10529705
CIELab	69.00, -4.25, -0.31
CIElCh	69, 4.258, 184.203
Yxy	39.3444, 0.3046, 0.3318
Android (android.graphics.Color)	4288719785 (0xFFFA0ABA9)
YUV	167.4830, 0.7479, -6.5626
Hunter-Lab	62.7251, -7.0079, 3.1551

Details

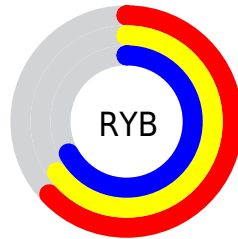
The CIELCh color $69, 4.258, 184.203$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 4.375, 5.102$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 4.048, 184.362$, and $49, 4.159, 182.623$ is the 20% darker color. If you saturate the color by 10%, you get $68, 10.715, 183.238$, and if you desaturate by 10%, it is $70, 2.382, 4.736$.

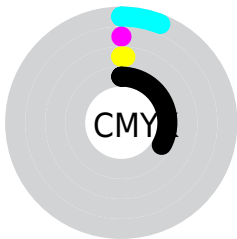
Distribution



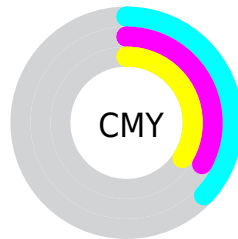
- Red (63%)
- Green (67%)
- Blue (66%)



- Red (63%)
- Yellow (65%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)



- Cyan (37%)
- Magenta (33%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 4.258, 184.203 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, 4.258, 184.203 by changing the saturation by 10% instead.

■ 69, 4.258, 184.203

■ 69, 4.258, 184.203

■ 100, 4.258,
184.203

■ 59, 4.258, 184.203

■ 89, 4.258, 184.203

■ 49, 4.258, 184.203

■ 99, 4.258, 184.203

■ 39, 4.258, 184.203

■ 29, 4.258, 184.203

■ 19, 4.258, 184.203

■ 9, 4.258, 184.203

■ 0, 4.258, 184.203

■ 69, 4.258, 184.203

■ 69, 4.258, 184.203

■ 68, 10.715,

■ 70, 2.382, 4.736

183.238

72, 9.130, 5.698

67, 16.889,
182.296

74, 15.919, 6.512

66, 22.678,
181.310

75, 22.696, 7.289

65, 27.974,
180.262

77, 29.423, 8.040

64, 32.671,
179.133

78, 33.608, 4.520

63, 36.684,
177.903

79, 33.951, 1.814

79, 34.375,
359.172

63, 39.960,
176.549

63, 42.489,
175.051

63, 44.342,
173.403

Harmonies

Complementary

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



69, 4.258, 184.203



67, 4.375, 5.102

Rectangle

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



69, 4.258, 184.203



69, 4.258, 234.203



69, 4.258, 4.203



69, 4.258, 54.203

Sweetspot

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



69, 4.259, 184.187



88, 1.642, 184.797



69, 6.962, 139.043



47, 0.941, 184.826



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, 4.259, 184.187



87, 6.531, 184.017



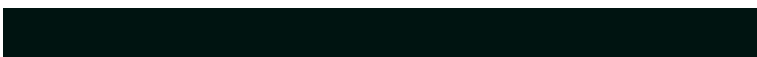
68, 3.355, 234.258



35, 3.684, 183.908



55, 40.325, 173.040



5, 6.988, 180.291

Inverse Universe

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



67, 4.375, 5.102



84, 6.753, 5.284



68, 3.461, 53.040



33, 3.827, 5.404



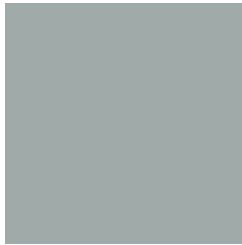
30, 62.069, 29.740



1, 6.760, 6.609

Previews

White Background



This preview shows how the CIELCh color 69, 4.258, 184.203 looks on a white background.

Color Contrast Check

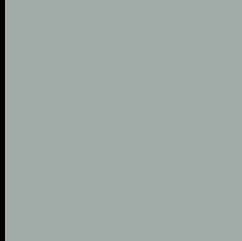
Large Text (above 18pt) WCAG AA × Fail

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, 4.258, 184.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

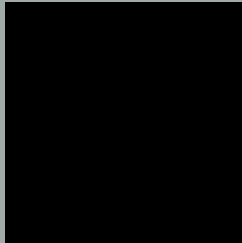
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

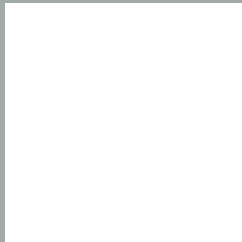
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 4.258, 184.203

Background



This preview shows how black text looks on a background with the CIELCh color 69, 4.258, 184.203.



This preview shows how white text looks on a background with the CIELCh color 69, 4.258, 184.203.

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

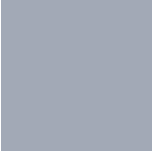
69, 4.258, 184.203

Protanopia

69, 1.519, 19.221

Deuteranopia

69, 8.559, 353.561



Tritanopia
69, 7.524, 271.247

Trichromacy



Original Color
69, 4.258, 184.203

Protanomaly
69, 0.376, 200.663

Deuteranomaly
69, 4.075, 347.099

Tritanomaly
69, 5.009, 249.506

Monochromacy



Original Color
69, 4.258, 184.203

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 1.500, 199.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 4.258, 184.203 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 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(160, 171, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 4.258, 184.203 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, 169) }
```

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

```
.border{ border-color:rgb(160, 171, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 169);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 4.258, 184.203 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, 169) }
```

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

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