

Converting Colors

CIELCh(69, 3.572, 232.417)

Have a look what the booklet for
CIELCh(69, 3.572, 232.417) contains.

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Color

CIELCh(69, 3.361, 228.705)

Conversions

Conversions Part 1

Format	Color
Hex	A2AAAD
RGB	162, 170, 173
RGB Percent	64%, 67%, 68%
CMY	0.3655, 0.3341, 0.3224
CMYK	0.06, 0.02, 0.00, 0.32
HSL	196°, 6%, 66%
HSV	196°, 6%, 68%
XYZ	36.7206, 39.3444, 45.0922
YIQ	167.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

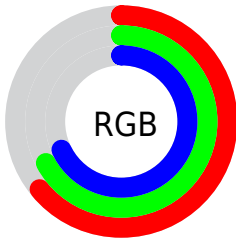
Format	Color
R _{YB}	162, 167, 173
Decimal	10660525
CIE Lab	69.00, -2.22, -2.53
CIE LCh	69, 3.361, 228.705
Yxy	39.3444, 0.3031, 0.3247
Android (android.graphics.Color)	4288850605 (0xFFA2AAAD)
YUV	167.9500, 2.4897, -5.2181
Hunter-Lab	62.7251, -5.2713, 1.2848

Details

The CIELCh color $69, 3.361, 228.705$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 3.477, 47.692$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 3.202, 228.653$, and $49, 3.568, 228.831$ is the 20% darker color. If you saturate the color by 10%, you get $66, 8.445, 229.330$, and if you desaturate by 10%, it is $72, 1.951, 47.730$.

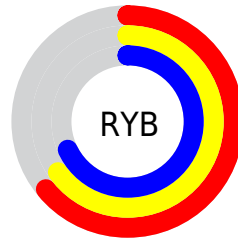
Distribution



Red (64%)

Green (67%)

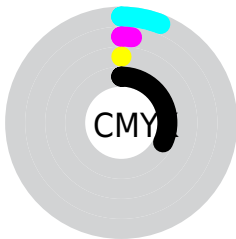
Blue (68%)



Red (64%)

Yellow (65%)

Blue (68%)

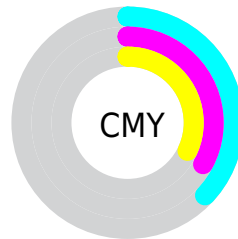


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (37%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.361, 228.705 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, 3.361, 228.705 by changing the saturation by 10% instead.

■ 69, 3.361, 228.705

■ 69, 3.361, 228.705

■ 100, 3.361,
228.705

■ 59, 3.361, 228.705

■ 89, 3.361, 228.705

■ 49, 3.361, 228.705

■ 99, 3.361, 228.705

■ 39, 3.361, 228.705

■ 29, 3.361, 228.705

■ 19, 3.361, 228.705

■ 9, 3.361, 228.705

■ 0, 3.361, 228.705

■ 69, 3.361, 228.705

■ 69, 3.361, 228.705

■ 66, 8.445, 229.330

■ 72, 1.951, 47.730

64, 13.242,
230.267

74, 7.438, 47.472

62, 17.684,
231.491

77, 13.054, 47.171

59, 21.705,
233.063

80, 18.763, 46.936

57, 25.246,
235.062

84, 26.527, 50.440

55, 28.268,
237.578

85, 26.311, 56.721

53, 30.767,
240.697

87, 26.423, 63.020

52, 32.791,
244.483

88, 26.857, 69.180

50, 34.463,
248.915

Harmonies

Complementary

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



69, 3.361, 228.705



68, 3.477, 47.692

Rectangle

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



69, 3.361, 228.705



69, 3.361, 278.705



69, 3.361, 48.705



69, 3.361, 98.705

Sweetspot

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



69, 3.361, 228.674



89, 1.320, 228.699



70, 6.093, 152.601



47, 0.750, 228.718



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, 3.361, 228.674



87, 5.205, 228.762



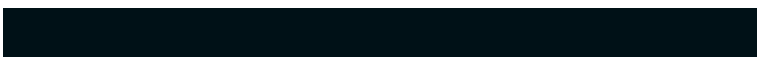
68, 4.734, 279.110



35, 2.979, 228.829



43, 31.547, 249.949



4, 6.408, 238.885

Inverse Universe

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



68, 6.093, 333.562



85, 9.485, 333.690



70, 4.697, 97.569



34, 5.447, 333.773



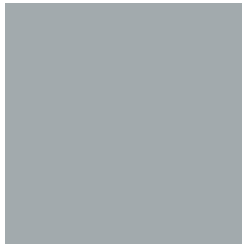
33, 63.591, 342.602



2, 10.738, 336.769

Previews

White Background



This preview shows how the CIELCh color 69, 3.361, 228.705 looks on a white background.

Color Contrast Check

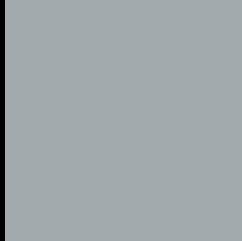
Large Text (above 18pt) WCAG AA × Fail

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, 3.361, 228.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

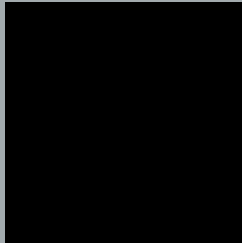
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

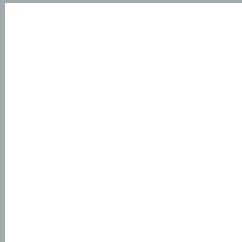
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.361, 228.705

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.361, 228.705.



This preview shows how white text looks on a background with the CIELCh color 69, 3.361, 228.705.

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

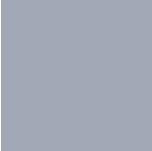
69, 3.361, 228.705

Protanopia

69, 2.489, 317.323

Deuteranopia

69, 9.413, 340.394



Tritanopia
69, 7.869, 277.662

Trichromacy



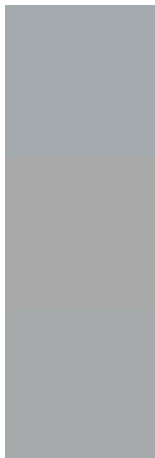
Original Color
69, 3.361, 228.705

Protanomaly
69, 2.229, 280.790

Deuteranomaly
69, 6.245, 327.555

Tritanomaly
69, 5.873, 268.857

Monochromacy



Original Color
69, 3.361, 228.705

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.245, 225.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.361, 228.705 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(162, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 173)  
}
```

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(162, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.361, 228.705 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(162, 170, 173) }
```

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

```
.border{ border-color:rgb(162, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.361, 228.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 173) }
```

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

```
.background{ background-color: rgb(162,  
170, 173) }
```

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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