

Converting Colors

CIELCh(69, 12.007, 251.526)

Have a look what the booklet for
CIELCh(69, 12.007, 251.526)
contains.

CIELCh(69, 12.314, 252.723)	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, 12.314, 252.723)

Conversions

Conversions Part 1

Format	Color
Hex	95ABBD
RGB	149, 171, 189
RGB Percent	58%, 67%, 74%
CMY	0.4145, 0.3282, 0.2576
CMYK	0.21, 0.10, 0.00, 0.26
HSL	207°, 23%, 66%
HSV	207°, 21%, 74%
XYZ	36.2870, 39.3444, 54.0003
YIQ	166.4740, -18.8900, 0.9340

Conversions

Conversions Part 2

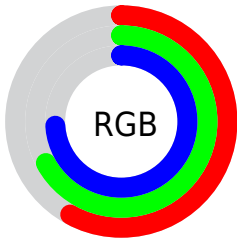
Format	Color
RYB	149, 163, 189
Decimal	9808829
CIELab	69.00, -3.66, -11.76
CIELCh	69, 12.314, 252.723
Yxy	39.3444, 0.2799, 0.3035
Android (android.graphics.Color)	4287998909 (0xFF95ABBD)
YUV	166.4740, 11.1053, -15.3247
Hunter-Lab	62.7251, -6.5053, -7.1354

Details

The CIELCh color $69, 12.314, 252.723$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 13.250, 67.392$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 12.193, 253.652$, and $49, 12.316, 253.443$ is the 20% darker color. If you saturate the color by 10%, you get $65, 17.925, 254.500$, and if you desaturate by 10%, it is $73, 6.553, 251.251$.

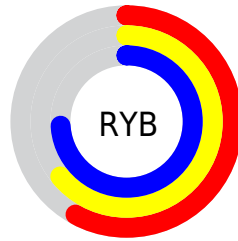
Distribution



Red (58%)

Green (67%)

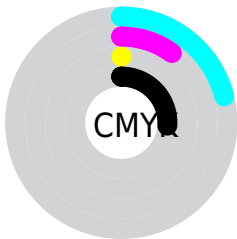
Blue (74%)



Red (58%)

Yellow (64%)

Blue (74%)

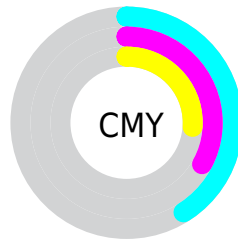


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (41%)


Magenta (33%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 12.314, 252.723 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, 12.314, 252.723 by changing the saturation by 10% instead.

 69, 12.314,
252.723

 69, 12.314,
252.723


 100, 12.314,
252.723


 59, 12.314,
252.723


 89, 12.314,
252.723

 49, 12.314,
252.723


 99, 12.314,
252.723

 39, 12.314,
252.723

 29, 12.314,
252.723

 19, 12.314,
252.723

 9, 12.314, 252.723

 0, 12.314, 252.723

69, 12.314,
252.723

69, 12.314,
252.723

65, 17.925,
254.500

73, 6.553, 251.251

62, 23.357,
256.650

76, 0.678, 250.516

80, 5.279, 68.814

58, 28.588,
259.232

84, 11.292, 67.961

55, 33.614,
262.309

87, 17.334, 67.210

91, 21.362, 72.604

52, 38.462,
265.920

93, 23.371, 85.021

49, 43.198,
270.059

95, 26.287, 94.988

46, 47.926,
274.638

97, 29.823,
102.687

44, 52.236,

278.794

Harmonies

Complementary

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



69, 12.314, 252.723



70, 13.250, 67.392

Rectangle

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



69, 12.314, 252.723



69, 12.314, 302.723



69, 12.314, 72.723



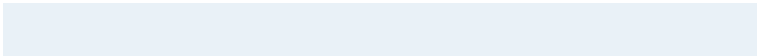
69, 12.314, 122.723

Sweetspot

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



69, 12.313, 252.717



95, 4.410, 250.642



73, 19.318, 158.474



51, 2.947, 250.715



99, 0.012, 296.813



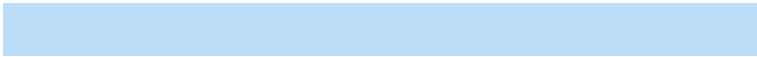
52, 0.007, 296.813

Same Dimension

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



69, 12.313, 252.717



86, 18.012, 253.438



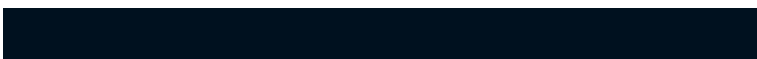
64, 20.859, 289.861



38, 3.333, 251.022



37, 45.154, 278.082



4, 10.988, 263.969

Inverse Universe

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



66, 19.467, 342.794



82, 28.682, 343.200



75, 20.006, 105.215



37, 5.152, 341.746



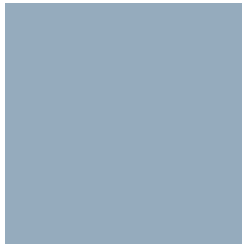
34, 60.094, 356.854



3, 14.372, 348.649

Previews

White Background



This preview shows how the CIELCh color 69, 12.314, 252.723 looks on a white background.

Color Contrast Check

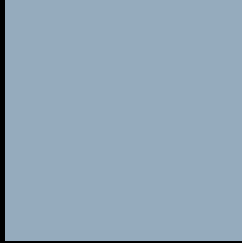
Large Text (above 18pt) WCAG AA × Fail

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, 12.314, 252.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

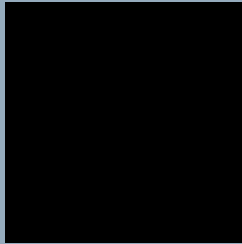
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

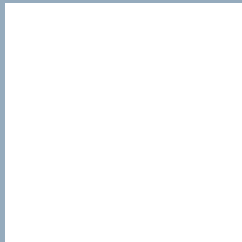
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 12.314, 252.723

Background



This preview shows how black text looks on a background with the CIELCh color 69, 12.314, 252.723.



This preview shows how white text looks on a background with the CIELCh color 69, 12.314, 252.723.

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, 12.314, 252.723

Protanopia

69, 10.994, 289.417

Deuteranopia

69, 15.343, 305.177



Tritanopia
69, 10.974, 243.605

Trichromacy



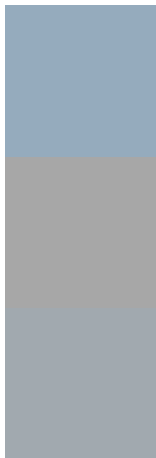
Original Color
69, 12.314, 252.723

Protanomaly
69, 10.838, 274.084

Deuteranomaly
69, 12.649, 288.227

Tritanomaly
69, 11.336, 245.762

Monochromacy



Original Color
69, 12.314, 252.723

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.376, 248.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 12.314, 252.723 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(149, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 189)  
}
```

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(149, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 12.314, 252.723 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(149, 171, 189) }
```

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

```
.border{ border-color:rgb(149, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 12.314, 252.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 189) }
```

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

```
.background{ background-color: rgb(149,  
171, 189) }
```

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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