

Converting Colors

CIELCh(65, 10.029, 172.094)

Have a look what the booklet for
CIELCh(65, 10.029, 172.094)
contains.

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Color

CIELCh(65, 10.091, 172.382)

Conversions

Conversions Part 1

Format	Color
Hex	8BA39B
RGB	139, 163, 155
RGB Percent	55%, 64%, 61%
CMY	0.4549, 0.3608, 0.3922
CMYK	0.15, 0.00, 0.05, 0.36
HSL	160°, 12%, 59%
HSV	160°, 15%, 64%
XYZ	29.6586, 34.0472, 36.0164
YIQ	154.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

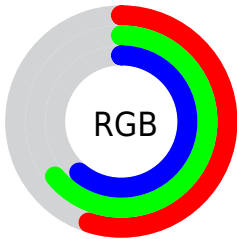
Format	Color
R_{YB}	139, 153, 163
Decimal	9151387
CIE Lab	65.00, -10.00, 1.34
CIE LCh	65, 10.091, 172.382
Yxy	34.0472, 0.2974, 0.3414
Android (android.graphics.Color)	4287341467 (0xFF8BA39B)
YUV	154.9120, 0.0434, -13.9548
Hunter-Lab	58.3500, -11.3831, 4.2483

Details

The CIELCh color **65, 10.091, 172.382** is a light color, and the websafe version is hex **999999**. A complement of this color would be **60, 10.470, 355.057**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 10.151, 170.934**, and **45, 9.780, 172.960** is the 20% darker color. If you saturate the color by 10%, you get **64, 16.778, 171.356**, and if you desaturate by 10%, it is **66, 3.255, 173.391**.

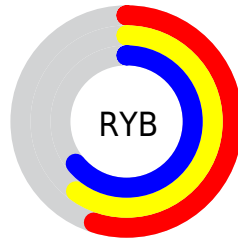
Distribution



Red (55%)

Green (64%)

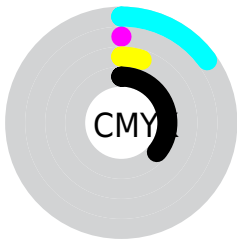
Blue (61%)



Red (55%)

Yellow (60%)

Blue (64%)

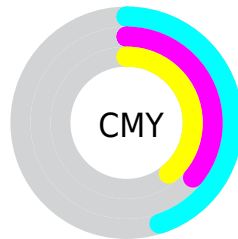


Cyan (15%)

Magenta (0%)

Yellow (5%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 10.091, 172.382 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, 10.091, 172.382 by changing the saturation by 10% instead.


 65, 10.091,
172.382


 65, 10.091,
172.382


 100, 10.091,
172.382


 55, 10.091,
172.382


 85, 10.091,
172.382

 45, 10.091,
172.382

 95, 10.091,
172.382

 35, 10.091,
172.382

 25, 10.091,
172.382

 15, 10.091,
172.382

 5, 10.091, 172.382

 0, 10.091, 172.382

65, 10.091,
172.382

65, 10.091,
172.382

64, 16.778,
171.356

66, 3.255, 173.391

63, 23.211,
170.253

68, 3.650, 354.027

62, 29.282,
169.043

69, 10.553,
354.914

61, 34.881,
167.704

71, 17.399,
355.699

60, 39.907,
166.212

73, 24.150,
356.437

60, 44.282,
164.543

75, 30.776,
357.137


60, 47.975,
162.679


77, 37.260,
357.804

59, 51.011,

77, 38.848,
354.333

160.620

 77, 39.988,
350.532

 59, 52.487,
159.534

Harmonies

Complementary

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



65, 10.091, 172.382



60, 10.470, 355.057

Rectangle

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



65, 10.091, 172.382



65, 10.091, 222.382



65, 10.091, 352.382



65, 10.091, 42.382

Sweetspot

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



65, 10.092, 172.377



84, 3.408, 173.469



65, 14.650, 133.513



45, 2.441, 173.383



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 10.092, 172.377



82, 15.213, 172.016



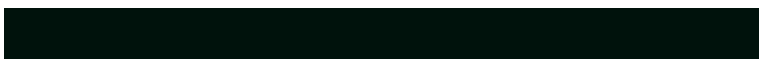
64, 7.681, 214.022



34, 3.894, 172.917



53, 48.070, 159.768



4, 6.321, 169.978

Inverse Universe

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



60, 10.470, 355.057



75, 15.927, 355.453



61, 8.448, 33.898



32, 3.987, 354.482



30, 56.590, 16.862



1, 5.997, 355.817

Previews

White Background



This preview shows how the CIELCh color 65, 10.091, 172.382 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 65, 10.091, 172.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

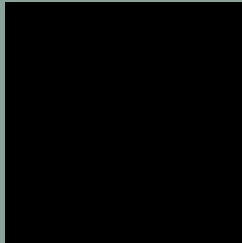
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 10.091, 172.382

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.091, 172.382.



This preview shows how white text looks on a background with the CIELCh color 65, 10.091, 172.382.

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](#).

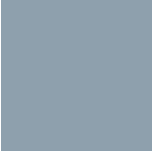
Dichromacy



Original Color
65, 10.091, 172.382

Protanopia
65, 3.837, 79.271

Deuteranopia
65, 8.629, 1.500



Tritanopia
65, 9.545, 248.484

Trichromacy



Original Color
65, 10.091, 172.382

Protanomaly
65, 4.348, 136.039

Deuteranomaly
65, 1.925, 19.344

Tritanomaly
65, 7.731, 220.017

Monochromacy



Original Color
65, 10.091, 172.382

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.824, 173.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.091, 172.382 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(139, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(139, 163, 155)  
}
```

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(139, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 163, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.091, 172.382 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(139, 163, 155) }
```

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

```
.border{ border-color:rgb(139, 163, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 163, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(139, 163,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.091, 172.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 163, 155) }
```

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

```
.background{ background-color: rgb(139,  
163, 155) }
```

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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