

Converting Colors

CIELCh(65, 6.881, 153.368)

Have a look what the booklet for
CIELCh(65, 6.881, 153.368) contains.

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Color

CIELCh(65, 7.089, 154.085)

Conversions

Conversions Part 1

Format	Color
Hex	94A198
RGB	148, 161, 152
RGB Percent	58%, 63%, 60%
CMY	0.4196, 0.3687, 0.4040
CMYK	0.08, 0.00, 0.06, 0.37
HSL	138°, 6%, 61%
HSV	138°, 8%, 63%
XYZ	30.6200, 34.0472, 34.6587
YIQ	156.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

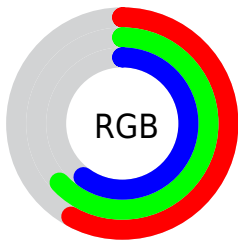
Format	Color
RYB	148, 158, 161
Decimal	9740696
CIELab	65.00, -6.38, 3.10
CIELCh	65, 7.089, 154.085
Yxy	34.0472, 0.3083, 0.3428
Android (android.graphics.Color)	4287930776 (0xFF94A198)
YUV	156.0870, -2.0149, -7.0923
Hunter-Lab	58.3500, -8.4418, 5.6279

Details

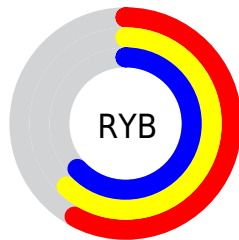
The CIELCh color $65, 7.089, 154.085$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.126, 335.098$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.339, 153.322$, and $45, 6.899, 154.941$ is the 20% darker color. If you saturate the color by 10%, you get $64, 15.930, 153.288$, and if you desaturate by 10%, it is $67, 1.686, 334.548$.

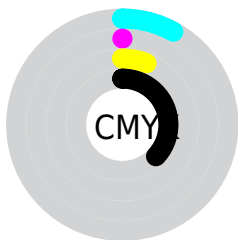
Distribution



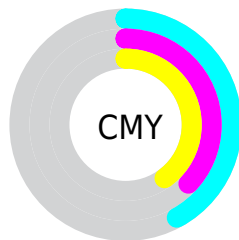
- Red (58%)
- Green (63%)
- Blue (60%)



- Red (58%)
- Yellow (62%)
- Blue (63%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.089, 154.085 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, 7.089, 154.085 by changing the saturation by 10% instead.

■ 65, 7.089, 154.085

■ 65, 7.089, 154.085

■ 100, 7.089,
154.085

■ 55, 7.089, 154.085

■ 85, 7.089, 154.085

■ 45, 7.089, 154.085

■ 95, 7.089, 154.085

■ 35, 7.089, 154.085

■ 25, 7.089, 154.085

■ 15, 7.089, 154.085

■ 5, 7.089, 154.085

■ 0, 7.089, 154.085

■ 65, 7.089, 154.085

■ 65, 7.089, 154.085

■ 64, 15.930,

■ 67, 1.686, 334.548

153.288

68, 10.324,
335.293

62, 24.732,
152.398

70, 18.771,
335.840

61, 33.373,
151.381

72, 26.991,
336.324

60, 41.705,
150.215

74, 34.965,
336.760

59, 49.569,
148.881

76, 42.682,
337.155

59, 56.804,
147.366

78, 48.896,
335.579

58, 63.268,
145.673

78, 53.010,
331.033

58, 68.853,
143.829

78, 57.438,
327.251

58, 73.555,
141.935

Harmonies

Complementary

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



65, 7.089, 154.085



63, 7.126, 335.098

Rectangle

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



65, 7.089, 154.085



65, 7.089, 204.085



65, 7.089, 334.085



65, 7.089, 24.085

Sweetspot

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



65, 7.091, 154.083



83, 2.159, 154.625



66, 7.353, 121.358



44, 1.224, 154.643



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 7.091, 154.083



82, 10.874, 153.920



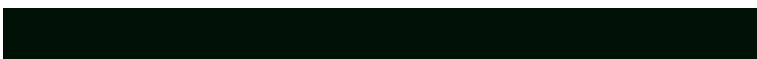
65, 5.120, 182.633



34, 5.025, 153.990



52, 68.730, 141.793



4, 7.971, 153.443

Inverse Universe

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



63, 7.126, 335.098



78, 10.934, 335.252



62, 5.283, 3.902



32, 5.051, 335.186



32, 60.650, 345.023



1, 7.488, 337.026

Previews

White Background



This preview shows how the CIELCh color 65, 7.089, 154.085 looks on a white background.

Color Contrast Check

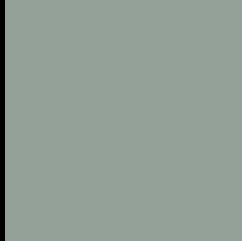
Large Text (above 18pt) WCAG AA × Fail

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, 7.089, 154.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

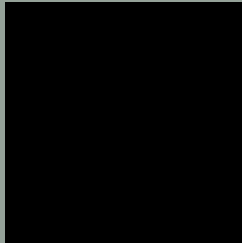
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 7.089, 154.085

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.089, 154.085.



This preview shows how white text looks on a background with the CIELCh color 65, 7.089, 154.085.

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

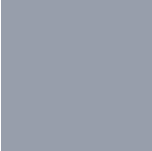
65, 7.089, 154.085

Protanopia

65, 4.327, 82.898

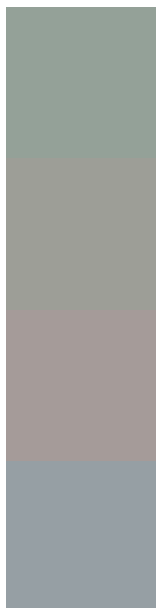
Deuteranopia

65, 8.693, 12.890



Tritanopia
65, 7.615, 271.339

Trichromacy



Original Color
65, 7.089, 154.085

Protanomaly
65, 3.898, 115.456

Deuteranomaly
65, 4.041, 35.538

Tritanomaly
65, 4.306, 239.551

Monochromacy



Original Color
65, 7.089, 154.085

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 2.547, 158.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.089, 154.085 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(148, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 152)  
}
```

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(148, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.089, 154.085 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(148, 161, 152) }
```

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

```
.border{ border-color:rgb(148, 161, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.089, 154.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 152) }
```

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

```
.background{ background-color: rgb(148,  
161, 152) }
```

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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