

Converting Colors

CIELCh(65, 4.181, 131.375)

Have a look what the booklet for
CIELCh(65, 4.181, 131.375) contains.

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Color

CIELCh(65, 4.186, 131.374)

Conversions

Conversions Part 1

Format	Color
Hex	9B9F98
RGB	155, 159, 152
RGB Percent	61%, 62%, 60%
CMY	0.3920, 0.3763, 0.4038
CMYK	0.03, 0.00, 0.04, 0.38
HSL	94°, 4%, 61%
HSV	94°, 4%, 62%
XYZ	31.5975, 34.0472, 34.6259
YIQ	157.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

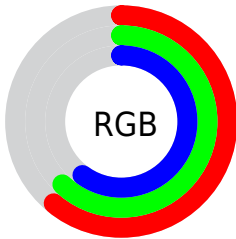
Format	Color
RYB	152, 159, 156
Decimal	10198936
CIELab	65.00, -2.77, 3.14
CIElCh	65, 4.186, 131.374
Yxy	34.0472, 0.3151, 0.3396
Android (android.graphics.Color)	4288389016 (0xFF9B9F98)
YUV	157.0060, -2.4680, -1.7593
Hunter-Lab	58.3500, -5.4515, 5.6612

Details

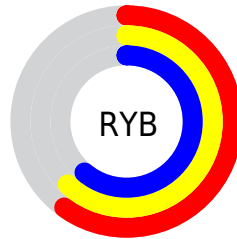
The CIELCh color $65, 4.186, 131.374$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.222, 311.682$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.587, 133.195$, and $45, 4.494, 131.289$ is the 20% darker color. If you saturate the color by 10%, you get $64, 13.751, 130.929$, and if you desaturate by 10%, it is $66, 5.318, 311.725$.

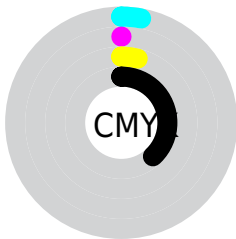
Distribution



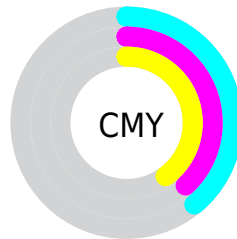
- Red (61%)
- Green (62%)
- Blue (60%)



- Red (60%)
- Yellow (62%)
- Blue (61%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.186, 131.374 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, 4.186, 131.374 by changing the saturation by 10% instead.

■ 65, 4.186, 131.374

■ 65, 4.186, 131.374

■ 100, 4.186,
131.374

■ 55, 4.186, 131.374

■ 85, 4.186, 131.374

■ 45, 4.186, 131.374

■ 95, 4.186, 131.374

■ 35, 4.186, 131.374

■ 25, 4.186, 131.374

■ 15, 4.186, 131.374

■ 5, 4.186, 131.374

■ 0, 4.186, 131.374

■ 65, 4.186, 131.374

■ 65, 4.186, 131.374

■ 64, 13.751,

■ 66, 5.318, 311.725

130.929

67, 14.721,
312.097

63, 23.308,
130.463

69, 23.991,
312.419

62, 32.773,
129.983

70, 33.105,
312.704

61, 42.019,
129.510

72, 42.050,
312.955

60, 50.872,
129.088

73, 50.818,
313.176

60, 59.081,
128.781

74, 55.334,
314.865

59, 66.312,
128.687

75, 56.236,
317.867

59, 72.171,
128.926

76, 57.270,
320.813

58, 76.328,
129.605

Harmonies

Complementary

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



65, 4.186, 131.374



63, 4.222, 311.682

Rectangle

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



65, 4.186, 131.374



65, 4.186, 181.374



65, 4.186, 311.374



65, 4.186, 1.374

Sweetspot

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



65, 4.188, 131.380



83, 1.168, 131.614



64, 2.482, 81.631



44, 0.669, 131.624



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, 4.188, 131.380



82, 5.886, 131.348



65, 4.537, 146.087



33, 3.213, 131.327



52, 72.185, 129.890



4, 7.058, 132.274

Inverse Universe

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



63, 4.222, 311.682



80, 5.936, 311.715



64, 4.552, 326.477



32, 3.241, 311.735



23, 79.648, 313.878



1, 6.973, 310.525

Previews

White Background



This preview shows how the CIELCh color 65, 4.186, 131.374 looks on a white background.

Color Contrast Check

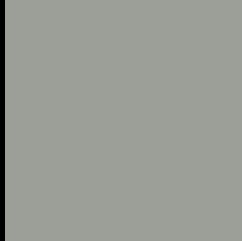
Large Text (above 18pt) WCAG AA × Fail

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 65, 4.186, 131.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

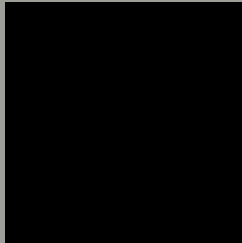
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

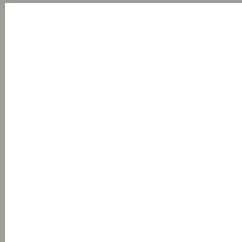
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.186, 131.374

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.186, 131.374.



This preview shows how white text looks on a background with the CIELCh color 65, 4.186, 131.374.

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, 4.186, 131.374

Protanopia

65, 3.837, 79.271

Deuteranopia

65, 8.660, 16.525



Tritanopia
65, 7.287, 296.788

Trichromacy



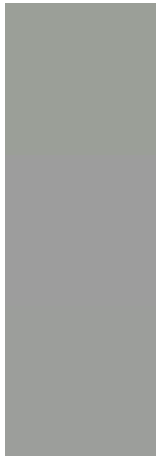
Original Color
65, 4.186, 131.374

Protanomaly
65, 3.889, 104.016

Deuteranomaly
65, 4.806, 33.034

Tritanomaly
65, 3.341, 290.548

Monochromacy



Original Color
65, 4.186, 131.374

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.834, 134.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.186, 131.374 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(155, 159, 152)` looks like.

```
.text, #text, p{  
    color:rgb(155, 159, 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(155, 159, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 159, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.186, 131.374 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(155, 159, 152) }
```

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

```
.border{ border-color:rgb(155, 159, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 159, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 159, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 159, 152);  
box-shadow:4px 4px 4px 4px rgb(155, 159,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.186, 131.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 159, 152) }
```

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

```
.background{ background-color: rgb(155,  
159, 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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