

Converting Colors

CIELCh(67, 7.204, 187.601)

Have a look what the booklet for
CIELCh(67, 7.204, 187.601) contains.

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Color

CIELCh(67, 7.265, 185.622)

Conversions

Conversions Part 1

Format	Color
Hex	94A7A4
RGB	148, 167, 164
RGB Percent	58%, 65%, 64%
CMY	0.4195, 0.3449, 0.3567
CMYK	0.11, 0.00, 0.02, 0.34
HSL	171°, 10%, 62%
HSV	171°, 11%, 66%
XYZ	32.7490, 36.6320, 40.4841
YIQ	160.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

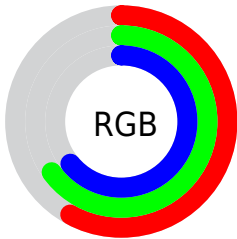
Format	Color
RYB	148, 158, 167
Decimal	9742244
CIELab	67.00, -7.23, -0.71
CIElCh	67, 7.265, 185.622
Yxy	36.6320, 0.2981, 0.3334
Android (android.graphics.Color)	4287932324 (0xFF94A7A4)
YUV	160.9770, 1.4903, -11.3808
Hunter-Lab	60.5244, -9.3333, 2.7086

Details

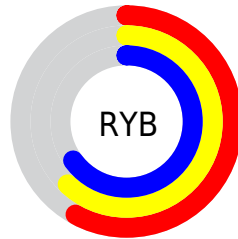
The CIELCh color $67, 7.265, 185.622$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 7.637, 7.475$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 7.255, 186.454$, and $47, 7.346, 184.581$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.400, 184.714$, and if you desaturate by 10%, it is $68, 0.889, 186.903$.

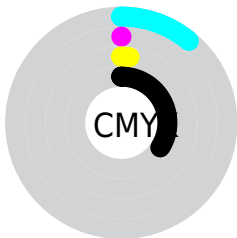
Distribution



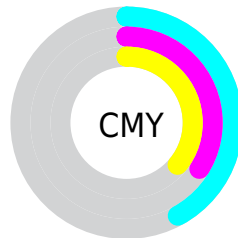
- Red (58%)
- Green (65%)
- Blue (64%)



- Red (58%)
- Yellow (62%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.265, 185.622 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 67, 7.265, 185.622 by changing the saturation by 10% instead.

■ 67, 7.265, 185.622

■ 67, 7.265, 185.622

■ 100, 7.265,
185.622

■ 57, 7.265, 185.622

■ 87, 7.265, 185.622

■ 47, 7.265, 185.622

■ 97, 7.265, 185.622

■ 37, 7.265, 185.622

■ 27, 7.265, 185.622

■ 17, 7.265, 185.622

■ 7, 7.265, 185.622

■ 0, 7.265, 185.622

■ 67, 7.265, 185.622

■ 67, 7.265, 185.622

■ 66, 13.400,

■ 68, 0.889, 186.903

184.714

70, 5.646, 7.123

65, 19.191,
183.795

71, 12.267, 7.957

64, 24.536,
182.834

73, 18.914, 8.740

63, 29.331,
181.814

75, 25.543, 9.496

62, 33.482,
180.718

77, 32.119, 10.230

62, 36.922,
179.525

77, 34.816, 9.158

62, 39.620,
178.215

78, 34.974, 6.891

61, 41.597,
176.769

78, 35.192, 4.650

61, 42.898,
175.451

Harmonies

Complementary

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



67, 7.265, 185.622



63, 7.637, 7.475

Rectangle

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



67, 7.265, 185.622



67, 7.265, 235.622



67, 7.265, 5.622



67, 7.265, 55.622

Sweetspot

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



67, 7.266, 185.613



86, 2.395, 186.482



67, 12.174, 139.273



46, 1.829, 186.369



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 7.266, 185.613



84, 11.000, 185.353



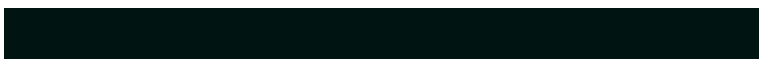
65, 5.771, 236.784



35, 3.648, 185.804



55, 39.155, 175.627



5, 6.897, 182.489

Inverse Universe

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



63, 7.637, 7.475



78, 11.712, 7.779



65, 6.104, 54.752



33, 3.800, 7.258



30, 63.047, 31.438



1, 6.716, 8.246

Previews

White Background



This preview shows how the CIELCh color 67, 7.265, 185.622 looks on a white background.

Color Contrast Check

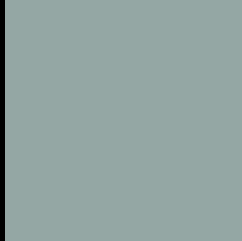
Large Text (above 18pt) WCAG AA × Fail

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 67, 7.265, 185.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

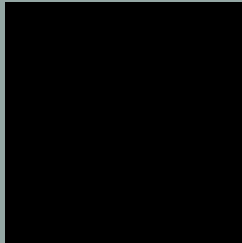
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

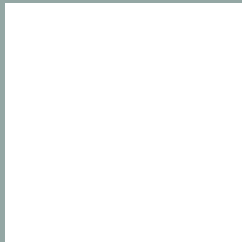
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 7.265, 185.622

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.265, 185.622.

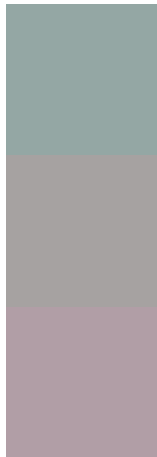


This preview shows how white text looks on a background with the CIELCh color 67, 7.265, 185.622.

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

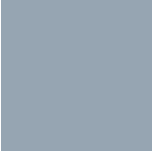
67, 7.265, 185.622

Protanopia

67, 1.619, 39.125

Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 8.857, 253.552

Trichromacy



Original Color
67, 7.265, 185.622

Protanomaly
67, 2.199, 169.327

Deuteranomaly
67, 2.934, 330.619

Tritanomaly
67, 7.194, 231.622

Monochromacy



Original Color
67, 7.265, 185.622

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.701, 187.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.265, 185.622 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, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(148, 167, 164)  
}
```

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, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 167, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.265, 185.622 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, 167, 164) }
```

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

```
.border{ border-color:rgb(148, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(148, 167,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.265, 185.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 167, 164) }
```

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

```
.background{ background-color: rgb(148,  
167, 164) }
```

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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