

Converting Colors

CIELCh(67, 14.108, 141.140)

Have a look what the booklet for
CIELCh(67, 14.108, 141.140)
contains.

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Color

CIELCh(67, 13.755, 141.210)

Conversions

Conversions Part 1

Format	Color
Hex	95A893
RGB	149, 168, 147
RGB Percent	58%, 66%, 58%
CMY	0.4147, 0.3401, 0.4225
CMYK	0.11, 0.00, 0.12, 0.34
HSL	114°, 11%, 62%
HSV	114°, 12%, 66%
XYZ	31.7802, 36.6320, 33.1059
YIQ	159.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

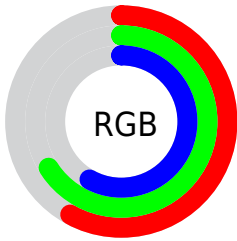
Format	Color
RYB	147, 168, 166
Decimal	9808019
CIELab	67.00, -10.72, 8.62
CIELCh	67, 13.755, 141.210
Yxy	36.6320, 0.3130, 0.3608
Android (android.graphics.Color)	4287998099 (0xFF95A893)
YUV	159.9250, -6.3720, -9.5812
Hunter-Lab	60.5244, -12.1906, 9.9363

Details

The CIELCh color $67, 13.755, 141.210$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 13.804, 322.433$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.668, 141.470$, and $47, 14.016, 140.831$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.856, 140.587$, and if you desaturate by 10%, it is $69, 2.715, 141.804$.

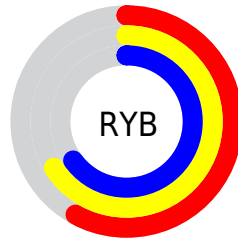
Distribution



Red (58%)

Green (66%)

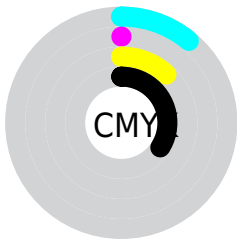
Blue (58%)



Red (58%)

Yellow (66%)

Blue (65%)

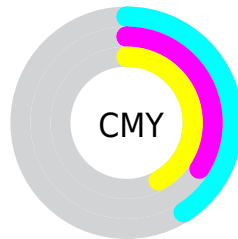


Cyan (11%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (41%)


Magenta (34%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.755, 141.210 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, 13.755, 141.210 by changing the saturation by 10% instead.


 67, 13.755,
141.210


 67, 13.755,
141.210


 100, 13.755,
141.210


 57, 13.755,
141.210


 87, 13.755,
141.210

 47, 13.755,
141.210

 97, 13.755,
141.210

 37, 13.755,
141.210

 27, 13.755,
141.210

 17, 13.755,
141.210

 7, 13.755, 141.210

 0, 13.755, 141.210

67, 13.755,
141.210

67, 13.755,
141.210

66, 24.856,
140.587

69, 2.715, 141.804

64, 35.873,
139.879

70, 8.167, 322.158

63, 46.615,
139.089

72, 18.822,
322.560

62, 56.833,
138.236

74, 29.203,
322.894

62, 66.203,
137.369

76, 39.288,
323.176

61, 74.324,
136.572


78, 49.063,
323.415

61, 80.742,
135.966

80, 54.156,
326.291

60, 85.062,

135.673

 60, 87.167,
135.544

Harmonies

Complementary

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



67, 13.755, 141.210



63, 13.804, 322.433

Rectangle

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



67, 13.755, 141.210



67, 13.755, 191.210



67, 13.755, 321.210



67, 13.755, 11.210

Sweetspot

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



67, 13.757, 141.211



87, 5.433, 141.695



68, 10.392, 104.514



46, 3.858, 141.651



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, 13.757, 141.211



85, 20.529, 141.045



67, 10.631, 157.704



35, 6.224, 141.395



53, 79.217, 135.482



5, 11.370, 142.220

Inverse Universe

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



63, 13.804, 322.433



79, 20.607, 322.570



63, 10.736, 339.541



33, 6.244, 322.273



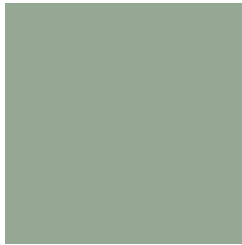
32, 77.465, 324.599



2, 11.204, 320.855

Previews

White Background



This preview shows how the CIELCh color 67, 13.755, 141.210 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 67, 13.755, 141.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

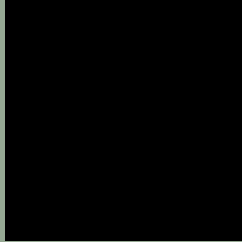
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 13.755, 141.210

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.755, 141.210.



This preview shows how white text looks on a background with the CIELCh color 67, 13.755, 141.210.

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, 13.755, 141.210

Protanopia
67, 10.400, 91.242

Deuteranopia
67, 11.086, 40.477



Tritanopia
67, 7.966, 263.934

Trichromacy



Original Color
67, 13.755, 141.210

Protanomaly
67, 10.480, 113.400

Deuteranomaly
67, 7.693, 78.543

Tritanomaly
67, 5.192, 199.045

Monochromacy



Original Color
67, 13.755, 141.210

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 5.192, 140.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.755, 141.210 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, 168, 147)` looks like.

```
.text, #text, p{  
    color:rgb(149, 168, 147)  
}
```

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, 168, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 168, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.755, 141.210 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, 168, 147) }
```

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

```
.border{ border-color:rgb(149, 168, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 168, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 168, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 168, 147);  
box-shadow:4px 4px 4px 4px rgb(149, 168,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.755, 141.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 168, 147) }
```

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

```
.background{ background-color: rgb(149,  
168, 147) }
```

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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