

Converting Colors

CIELCh(74, 35.509, 168.511)

Have a look what the booklet for
CIELCh(74, 35.509, 168.511)
contains.

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Color

CIELCh(74, 35.527, 168.524)

Conversions

Conversions Part 1

Format	Color
Hex	6BC7A8
RGB	107, 199, 168
RGB Percent	42%, 78%, 66%
CMY	0.5811, 0.2203, 0.3418
CMYK	0.46, 0.00, 0.16, 0.22
HSL	160°, 45%, 60%
HSV	160°, 46%, 78%
XYZ	33.4791, 46.7039, 44.2151
YIQ	167.9580, -44.8810, -29.1450

Conversions

Conversions Part 2

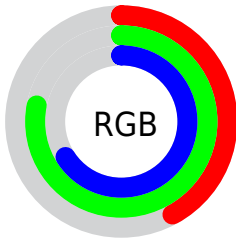
Format	Color
RYB	107, 162, 199
Decimal	7063464
CIELab	74.00, -34.82, 7.07
CIElCh	74, 35.527, 168.524
Yxy	46.7039, 0.2691, 0.3754
Android (android.graphics.Color)	4285253544 (0xFF6BC7A8)
YUV	167.9580, 0.0207, -53.4602
Hunter-Lab	68.3403, -32.1504, 9.4785

Details

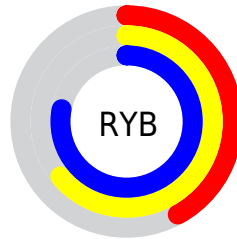
The CIELCh color **74, 35.527, 168.524** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 40.005, 359.243**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.930, 169.017**, and **54, 35.729, 168.172** is the 20% darker color. If you saturate the color by 10%, you get **73, 41.994, 167.129**, and if you desaturate by 10%, it is **75, 28.471, 169.777**.

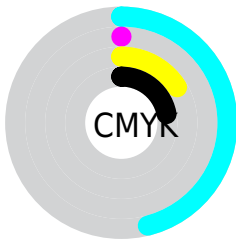
Distribution



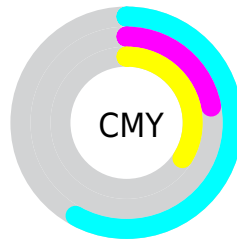
- Red (42%)
- Green (78%)
- Blue (66%)



- Red (42%)
- Yellow (64%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (16%)
- Black (22%)





- Cyan (58%)
- Magenta (22%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 35.527, 168.524 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 74, 35.527, 168.524 by changing the saturation by 10% instead.


 74, 35.527,
168.524

 74, 35.527,
168.524


 100, 35.527,
168.524


 64, 35.527,
168.524


 94, 35.527,
168.524

 54, 35.527,
168.524

 44, 35.527,
168.524

 34, 35.527,
168.524

 24, 35.527,
168.524

 14, 35.527,
168.524

 4, 35.527, 168.524

■ 0, 35.527, 168.524

■ 74, 35.527,
168.524

■ 74, 35.527,
168.524

■ 73, 41.994,
167.129

■ 75, 28.471,
169.777

■ 72, 47.753,
165.570

■ 76, 20.958,
170.917

■ 72, 52.723,
163.822

■ 78, 13.122,
171.967

■ 72, 56.878,
161.872

■ 79, 5.087, 172.978

■ 71, 60.278,
159.725

■ 81, 3.042, 353.624

■ 83, 11.176,
354.568

■ 71, 61.454,
158.925

■ 85, 19.249,

355.370

86, 23.642,
351.439

86, 25.390,
344.433

Harmonies

Complementary

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



74, 35.527, 168.524



57, 40.005, 359.243

Rectangle

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



74, 35.527, 168.524



74, 35.527, 218.524



74, 35.527, 348.524



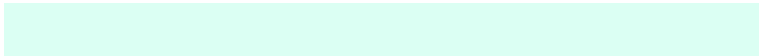
74, 35.527, 38.524

Sweetspot

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



74, 35.528, 168.523



97, 13.840, 172.175



74, 53.600, 131.905



52, 9.538, 171.954



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 35.528, 168.523



91, 51.055, 167.047



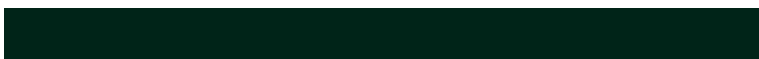
71, 25.041, 215.349



41, 4.596, 172.658



59, 52.763, 159.275



11, 17.343, 165.122

Inverse Universe

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



57, 40.005, 359.243



66, 58.827, 1.401



59, 35.572, 35.343



39, 4.706, 354.273



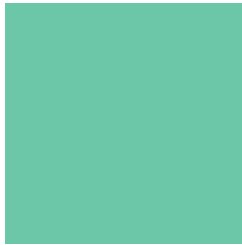
34, 61.669, 17.133



4, 16.685, 2.339

Previews

White Background



This preview shows how the CIELCh color 74, 35.527, 168.524 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 74, 35.527, 168.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

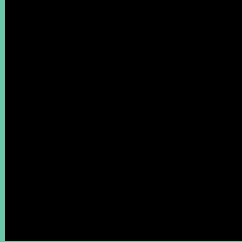
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

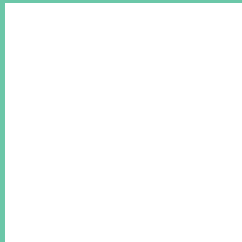
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 35.527, 168.524

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.527, 168.524.



This preview shows how white text looks on a background with the CIELCh color 74, 35.527, 168.524.

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

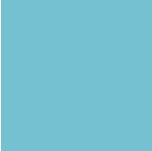
74, 35.527, 168.524

Protanopia

74, 12.381, 92.403

Deuteranopia

74, 10.085, 26.314



Tritanopia
74, 24.506, 218.699

Trichromacy



Original Color
74, 35.527, 168.524



Protanomaly
73, 17.242, 146.553



Deuteranomaly
73, 9.545, 151.215



Tritanomaly
74, 26.006, 196.249

Monochromacy



Original Color
74, 35.527, 168.524



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 13.592, 171.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.527, 168.524 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(107, 199, 168)` looks like.

```
.text, #text, p{  
    color:rgb(107, 199, 168)  
}
```

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(107, 199, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 199, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.527, 168.524 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(107, 199, 168) }
```

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

```
.border{ border-color:rgb(107, 199, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 199, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 199, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 199, 168); box-shadow:4px 4px 4px 4px rgb(107, 199, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.527, 168.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 199, 168) }
```

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

```
.background{ background-color: rgb(107,  
199, 168) }
```

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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