

Converting Colors

CIELCh(74, 40.452, 161.089)

Have a look what the booklet for
CIELCh(74, 40.452, 161.089)
contains.

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Color

CIELCh(74, 40.306, 161.282)

Conversions

Conversions Part 1

Format	Color
Hex	69C89D
RGB	105, 200, 157
RGB Percent	41%, 78%, 62%
CMY	0.5885, 0.2160, 0.3846
CMYK	0.48, 0.00, 0.22, 0.22
HSL	153°, 46%, 60%
HSV	153°, 48%, 78%
XYZ	32.5332, 46.7039, 39.1665
YIQ	166.6930, -42.8170, -33.5130

Conversions

Conversions Part 2

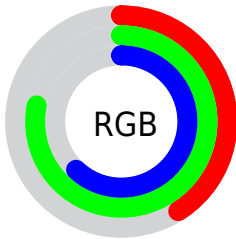
Format	Color
RYB	105, 166, 200
Decimal	6932637
CIELab	74.00, -38.17, 12.93
CIELCh	74, 40.306, 161.282
Yxy	46.7039, 0.2748, 0.3944
Android (android.graphics.Color)	4285122717 (0xFF69C89D)
YUV	166.6930, -4.7786, -54.1048
Hunter-Lab	68.3403, -34.6210, 13.8585

Details

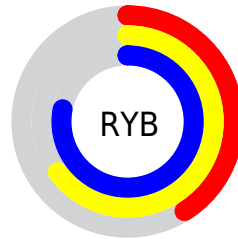
The CIELCh color **74, 40.306, 161.282** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57, 43.199, 351.599**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.902, 162.312**, and **54, 39.971, 161.658** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.688, 159.833**, and if you desaturate by 10%, it is **75, 32.364, 162.566**.

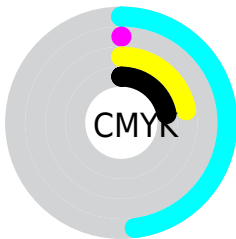
Distribution



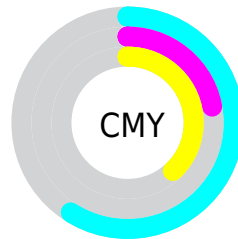
- Red (41%)
- Green (78%)
- Blue (62%)



- Red (41%)
- Yellow (65%)
- Blue (78%)



- Cyan (48%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.306, 161.282 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, 40.306, 161.282 by changing the saturation by 10% instead.

 74, 40.306,
161.282

 74, 40.306,
161.282

 100, 40.306,
161.282

 64, 40.306,
161.282


 94, 40.306,
161.282

 54, 40.306,
161.282

 44, 40.306,
161.282

 34, 40.306,
161.282

 24, 40.306,
161.282

 14, 40.306,
161.282

 4, 40.306, 161.282

■ 0, 40.306, 161.282

■ 74, 40.306,
161.282

■ 74, 40.306,
161.282

■ 73, 47.688,
159.833

■ 75, 32.364,
162.566

■ 72, 54.375,
158.196

■ 76, 24.006,
163.712

■ 72, 60.273,
156.352

■ 78, 15.378,
164.746

■ 71, 65.345,
154.296

■ 79, 6.610, 165.708

■ 71, 69.659,
152.063

■ 81, 2.188, 346.295

■ 83, 10.929,
347.225

■ 71, 70.678,
151.521

■ 85, 19.546,

347.960

■ 86, 25.083,
343.735

■ 86, 28.036,
335.900

Harmonies

Complementary

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



74, 40.306, 161.282



57, 43.199, 351.599

Rectangle

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



74, 40.306, 161.282



74, 40.306, 211.282



74, 40.306, 341.282



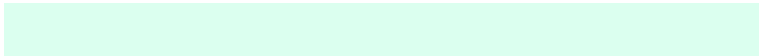
74, 40.306, 31.282

Sweetspot

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



74, 40.307, 161.281



97, 14.990, 165.069



75, 53.387, 128.038



51, 10.342, 164.857



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, 40.307, 161.281



91, 57.533, 159.786



74, 28.320, 200.833



41, 4.966, 165.530



59, 60.352, 151.891



11, 19.283, 158.141

Inverse Universe

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



57, 43.199, 351.599



66, 62.088, 353.386



56, 40.259, 26.756



39, 5.042, 347.051



35, 60.460, 6.067



4, 17.433, 355.835

Previews

White Background



This preview shows how the CIELCh color 74, 40.306, 161.282 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, 40.306, 161.282 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, 40.306, 161.282

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.306, 161.282.

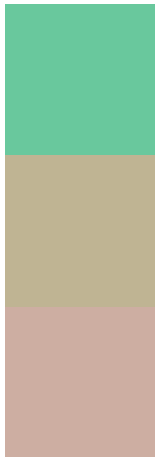


This preview shows how white text looks on a background with the CIELCh color 74, 40.306, 161.282.

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, 40.306, 161.282

Protanopia
73, 18.325, 94.468

Deuteranopia
73, 13.921, 47.844



Tritanopia
74, 24.270, 218.927

Trichromacy



Original Color
74, 40.306, 161.282



Protanomaly
73, 22.080, 136.404



Deuteranomaly
73, 13.579, 132.252

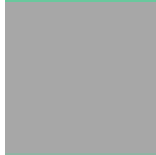


Tritanomaly
74, 26.892, 190.377

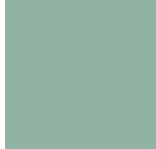
Monochromacy



Original Color
74, 40.306, 161.282



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.728, 164.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.306, 161.282 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(105, 200, 157)` looks like.

```
.text, #text, p{  
    color:rgb(105, 200, 157)  
}
```

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(105, 200, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 200, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.306, 161.282 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(105, 200, 157) }
```

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

```
.border{ border-color:rgb(105, 200, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 200, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 200, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 200, 157); box-shadow:4px 4px 4px 4px rgb(105, 200, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.306, 161.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 200, 157) }
```

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

```
.background{ background-color: rgb(105,  
200, 157) }
```

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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