Converting Colors

CIELCh(74, 21.780, 210.092)

Have a look what the booklet for CIELCh(74, 21.780, 210.092) contains.

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Color

CIELCh(74, 21.946, 209.317)

Conversions

Conversions Part 1

Format	Color
Hex	7EC1C9
RGB	126, 193, 201
RGB Percent	49%, 76%, 79%
CMY	0.5065, 0.2437, 0.2124
CMYK	0.37, 0.04, 0.00, 0.21
HSL	186°, 41%, 64%
HSV	186°, 37%, 79%
XYZ	38.1405, 46.7039, 62.1658
YIQ	173.8790, -42.5000, -11.7160

Conversions

Conversions Part 2

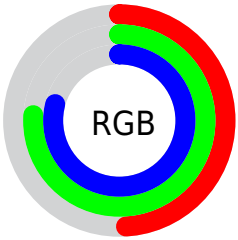
Format	Color
RYB	126, 161, 201
Decimal	8307145
CIELab	74.00, -19.14, -10.75
CIELCh	74, 21.946, 209.317
Yxy	46.7039, 0.2594, 0.3177
Android (android.graphics.Color)	4286497225 (0xFF7EC1C9)
YUV	173.8790, 13.3707, -41.9899
Hunter-Lab	68.3403, -19.9752, -6.0950

Details

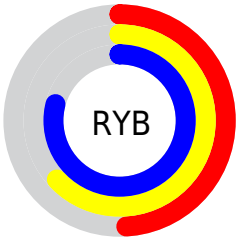
The CIELCh color 74, 21.946, 209.317 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 62, 28.846, 30.977, and the grayscale version is 71, 0.009, 296.813.

A 20% lighter version of the original color is 94, 21.867, 204.894, and 54, 21.832, 209.761 is the 20% darker color. If you saturate the color by 10%, you get 72, 26.485, 209.644, and if you desaturate by 10%, it is 76, 16.746, 209.154.

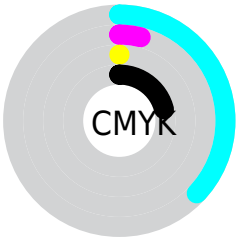
Distribution



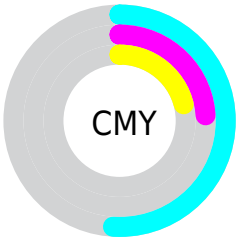
- Red (49%)
- Green (76%)
- Blue (79%)



- Red (49%)
- Yellow (63%)
- Blue (79%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 21.946, 209.317 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, 21.946, 209.317 by changing the saturation by 10% instead.

74, 21.946, 209.317

100, 21.946, 209.317

94, 21.946, 209.317

74, 21.946, 209.317

64, 21.946, 209.317

54, 21.946, 209.317

44, 21.946, 209.317

34, 21.946, 209.317

24, 21.946, 209.317

14, 21.946, 209.317

4, 21.946, 209.317

0, 21.946, 209.317

74, 21.946, 209.317

72, 26.485, 209.644

71, 30.264, 210.180

70, 33.211, 210.960

69, 35.290, 212.028

68, 36.521, 213.424

67, 37.012, 215.168

74, 21.946, 209.317

76, 16.746, 209.154

77, 10.990, 209.140

79, 4.784, 209.281

81, 1.772, 29.010

84, 8.594, 29.485

86, 15.607, 29.789

87, 18.337, 32.039

67, 37.094, 215.659

88, 17.818, 35.931

88, 17.389, 40.037

Harmonies

Complementary

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

74, 21.946, 209.317

62, 28.846, 30.977

Rectangle

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

74, 21.946, 209.317

74, 21.946, 259.317

74, 21.946, 29.317

74, 21.946, 79.317

Sweetspot

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

74, 21.946, 209.314

97, 8.615, 209.202

75, 45.701, 144.412

52, 5.767, 209.183

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, 21.946, 209.314

90, 30.835, 209.574

64, 26.468, 271.706

41, 3.648, 209.233

55, 31.832, 215.335

10, 11.734, 210.719

Inverse Universe

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

63, 45.475, 329.656

74, 65.776, 330.140

72, 27.616, 80.503

39, 6.862, 327.990

38, 76.179, 332.941

4, 24.386, 330.839

Previews

White Background

This preview shows how the CIELCh color 74, 21.946, 209.317 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, 21.946, 209.317 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, 21.946, 209.317

Background

This preview shows how black text looks on a background with the CIELCh color 74, 21.946, 209.317.

This preview shows how white text looks on a background with the CIELCh color 74, 21.946, 209.317.

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, 21.946, 209.317

Protanopia
74, 7.066, 293.795

Deuteranopia
74, 15.857, 307.210

Tritanopia
74, 21.704, 220.156

Trichromacy

Original Color
74, 21.946, 209.317

Protanomaly
74, 10.156, 234.975

Deuteranomaly
73, 12.666, 263.610

Tritanomaly
74, 21.734, 217.007

Monochromacy

Original Color
74, 21.946, 209.317

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 9.037, 209.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.946, 209.317 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(126, 193, 201) looks like.

```
.text, #text, p{
    color:rgb(126, 193, 201)
}
```

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(126, 193, 201) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(126, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 193, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.946, 209.317 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(126, 193, 201) }
```

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

```
.border{ border-color:rgb(126, 193, 201) }
```

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

Here you see how a box with a 4 pixel rgb(126, 193, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 193, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 193, 201); box-shadow:4px 4px 4px 4px rgb(126, 193, 201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.946, 209.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(126, 193, 201) }
```

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

```
.background{ background-color:rgb(126,
193, 201) }
```

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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