

Converting Colors

CIELCh(74, 39.545, 209.589)

Have a look what the booklet for
CIELCh(74, 39.545, 209.589)
contains.

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Color

CIELCh(74, 39.446, 210.414)

Conversions

Conversions Part 1

Format	Color
Hex	19C8D9
RGB	25, 200, 217
RGB Percent	10%, 78%, 85%
CMY	0.9015, 0.2143, 0.1477
CMYK	0.88, 0.08, 0.00, 0.15
HSL	185°, 79%, 48%
HSV	185°, 88%, 85%
XYZ	33.7069, 46.7039, 73.1205
YIQ	149.6130, -109.7570, -31.8130

Conversions

Conversions Part 2

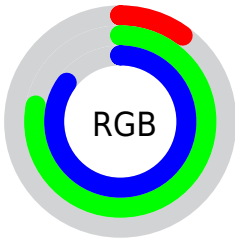
Format	Color
RYB	25, 117, 217
Decimal	1689817
CIELab	74.00, -34.02, -19.97
CIELCh	74, 39.446, 210.414
Yxy	46.7039, 0.2195, 0.3042
Android (android.graphics.Color)	4279879897 (0xFF19C8D9)
YUV	149.6130, 33.2218, -109.2856
Hunter-Lab	68.3403, -31.5555, -15.5990

Details

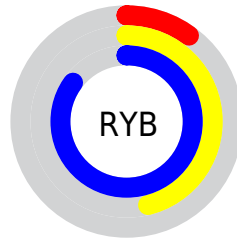
The CIELCh color **74, 39.446, 210.414** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **48, 83.534, 38.980**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 39.818, 196.983**, and **55, 31.698, 214.982** is the 20% darker color. If you saturate the color by 10%, you get **73, 39.864, 211.847**, and if you desaturate by 10%, it is **75, 38.253, 209.265**.

Distribution



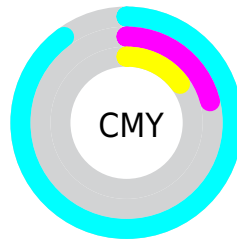
- Red (10%)
- Green (78%)
- Blue (85%)



- Red (10%)
- Yellow (46%)
- Blue (85%)



- Cyan (88%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (90%)
- Magenta (21%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.446, 210.414 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, 39.446, 210.414 by changing the saturation by 10% instead.

 74, 39.446,
210.414

 74, 39.446,
210.414

 100, 39.446,
210.414

 64, 39.446,
210.414


 94, 39.446,
210.414

 54, 39.446,
210.414

 44, 39.446,
210.414

 34, 39.446,
210.414

 24, 39.446,
210.414

 14, 39.446,
210.414

 4, 39.446, 210.414

0, 39.446, 210.414

74, 39.446,
210.414

74, 39.446,
210.414

73, 39.864,
211.847

75, 38.253,
209.265

73, 39.904,
212.081

76, 36.146,
208.397

77, 33.094,
207.779

78, 29.126,
207.377

80, 24.319,
207.158

81, 18.775,
207.093

■ 83, 12.610,
207.160

■ 85, 5.941, 207.363

■ 87, 1.122, 26.964

Harmonies

Complementary

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



74, 39.446, 210.414



48, 83.534, 38.980

Rectangle

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



74, 39.446, 210.414



74, 39.446, 260.414



74, 39.446, 30.414



74, 39.446, 80.414

Sweetspot

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



74, 39.445, 210.413



94, 20.383, 207.095



76, 100.047, 137.660



49, 13.551, 207.096



0, 0.000, 0.000



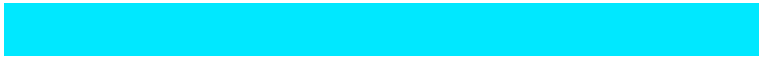
53, 0.007, 296.813

Same Dimension

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



74, 39.445, 210.413



85, 44.988, 212.240



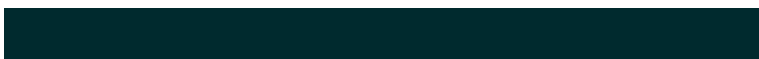
46, 66.618, 286.997



45, 4.014, 207.334



59, 33.755, 211.816



15, 13.752, 208.894

Inverse Universe

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



51, 93.565, 331.651



59, 107.672, 332.183



64, 69.042, 70.553



43, 7.531, 327.441



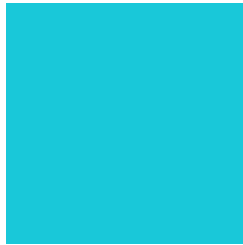
40, 80.773, 332.079



7, 32.486, 331.290

Previews

White Background



This preview shows how the CIE LCh color 74, 39.446, 210.414 looks on a white background.

Color Contrast Check

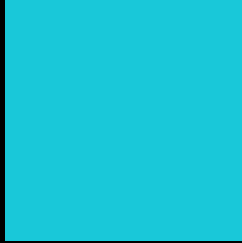
Large Text (above 18pt) WCAG AA × Fail

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, 39.446, 210.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

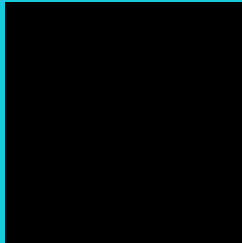
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 39.446, 210.414

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.446, 210.414.

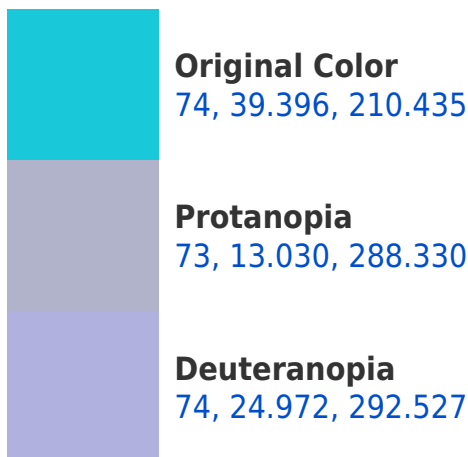


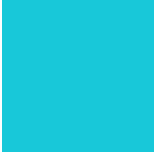
This preview shows how white text looks on a background with the CIELCh color 74, 39.446, 210.414.

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



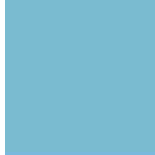


Tritanopia
74, 39.446, 210.414

Trichromacy



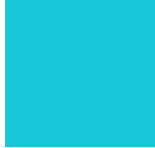
Original Color
74, 39.396, 210.435



Protanomaly
72, 22.929, 228.195



Deuteranomaly
72, 26.620, 246.201



Tritanomaly
74, 39.446, 210.414

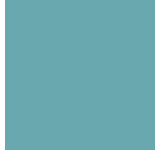
Monochromacy



Original Color
74, 39.396, 210.435



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 20.900, 206.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.446, 210.414 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(25, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(25, 200, 217)  
}
```

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(25, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 200, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.446, 210.414 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(25, 200, 217) }
```

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

```
.border{ border-color:rgb(25, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(25, 200,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.446, 210.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 200, 217) }
```

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

```
.background{ background-color: rgb(25, 200,  
217) }
```

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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