

Converting Colors

CIELCh(74, 20.266, 207.124)

Have a look what the booklet for
CIELCh(74, 20.266, 207.124)
contains.

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Color

CIELCh(74, 20.255, 207.238)

Conversions

Conversions Part 1

Format	Color
Hex	83C0C6
RGB	131, 192, 198
RGB Percent	51%, 75%, 78%
CMY	0.4856, 0.2463, 0.2228
CMYK	0.34, 0.03, 0.00, 0.22
HSL	185°, 37%, 65%
HSV	185°, 34%, 78%
XYZ	38.4910, 46.7039, 60.5223
YIQ	174.4450, -38.2820, -11.0660

Conversions

Conversions Part 2

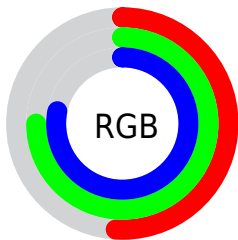
Format	Color
R_{YB}	131, 163, 198
Decimal	8634566
CIE _{Lab}	74.00, -18.01, -9.27
CIE _{LCh}	74, 20.255, 207.238
Yxy	46.7039, 0.2641, 0.3205
Android (android.graphics.Color)	4286824646 (0xFF83C0C6)
YUV	174.4450, 11.6126, -38.1013
Hunter-Lab	68.3403, -19.0598, -4.6691

Details

The CIELCh color **74, 20.255, 207.238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 25.824, 29.246**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.450, 206.929**, and **54, 20.086, 207.573** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.056, 207.382**, and if you desaturate by 10%, it is **76, 14.827, 207.229**.

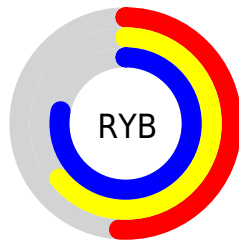
Distribution



Red (51%)

Green (75%)

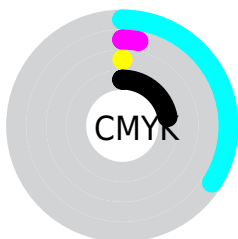
Blue (78%)



Red (51%)

Yellow (64%)

Blue (78%)

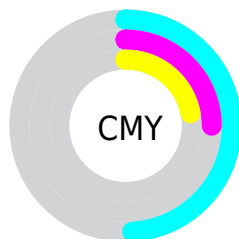


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (49%)

Magenta (25%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.255, 207.238 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, 20.255, 207.238 by changing the saturation by 10% instead.

 74, 20.255,
207.238

 74, 20.255,
207.238


 100, 20.255,
207.238

 64, 20.255,
207.238


 94, 20.255,
207.238

 54, 20.255,
207.238

 44, 20.255,
207.238

 34, 20.255,
207.238

 24, 20.255,
207.238

 14, 20.255,
207.238

 4, 20.255, 207.238

■ 0, 20.255, 207.238

■ 74, 20.255,
207.238

■ 74, 20.255,
207.238

■ 73, 25.056,
207.382

■ 76, 14.827,
207.229

■ 71, 29.126,
207.697

■ 77, 8.878, 207.349

■ 70, 32.384,
208.211

■ 79, 2.513, 207.690

■ 81, 4.171, 27.590

■ 69, 34.778,
208.957

■ 83, 11.093, 27.977

■ 68, 36.307,
209.969

■ 86, 18.181, 28.341

■ 86, 19.571, 30.567

■ 68, 37.032,
211.275

■ 87, 19.104, 33.531

■ 67, 37.219,
212.193

■ 87, 18.692, 36.636

Harmonies

Complementary

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



74, 20.255, 207.238



63, 25.824, 29.246

Rectangle

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



74, 20.255, 207.238



74, 20.255, 257.238



74, 20.255, 27.238



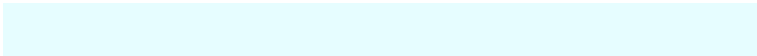
74, 20.255, 77.238

Sweetspot

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



74, 20.255, 207.234



98, 7.969, 207.428



74, 41.501, 144.279



52, 5.416, 207.394



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, 20.255, 207.234



91, 29.089, 207.336



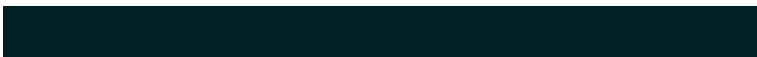
65, 23.212, 269.408



41, 3.701, 207.448



56, 32.258, 211.946



10, 11.891, 208.191

Inverse Universe

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



63, 41.328, 328.898



76, 61.011, 329.344



71, 24.329, 79.451



39, 6.944, 327.468



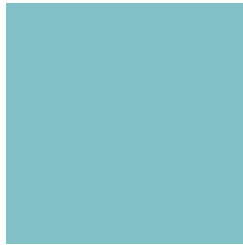
38, 77.197, 332.111



4, 24.755, 330.163

Previews

White Background



This preview shows how the CIELCh color 74, 20.255, 207.238 looks on a white background.

Color Contrast Check

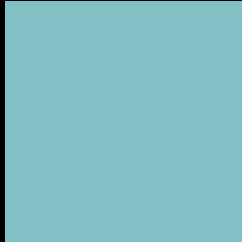
Large Text (above 18pt) WCAG AA × Fail

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 74, 20.255, 207.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

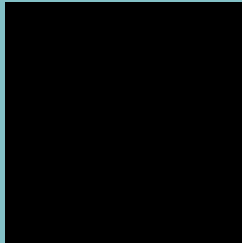
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

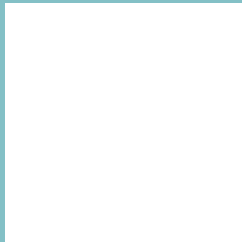
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.255, 207.238

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.255, 207.238.



This preview shows how white text looks on a background with the CIELCh color 74, 20.255, 207.238.

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, 20.255, 207.238

Protanopia

74, 6.022, 297.701

Deuteranopia

74, 14.928, 309.643



Tritanopia
74, 20.175, 222.049

Trichromacy



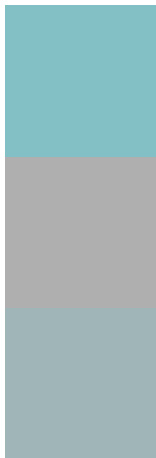
Original Color
74, 20.255, 207.238

Protanomaly
74, 8.787, 237.213

Deuteranomaly
74, 11.284, 265.495

Tritanomaly
74, 20.059, 217.112

Monochromacy



Original Color
74, 20.255, 207.238

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.963, 206.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.255, 207.238 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(131, 192, 198)` looks like.

```
.text, #text, p{  
    color:rgb(131, 192, 198)  
}
```

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(131, 192, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 192, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.255, 207.238 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(131, 192, 198) }
```

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

```
.border{ border-color:rgb(131, 192, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 192, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 192, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 192, 198);  
box-shadow:4px 4px 4px 4px rgb(131, 192,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.255, 207.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 192, 198) }
```

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

```
.background{ background-color: rgb(131,  
192, 198) }
```

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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