

Converting Colors

CIELCh(73, 32.029, 204.979)

Have a look what the booklet for
CIELCh(73, 32.029, 204.979)
contains.

CIELCh(73, 32.029, 204.979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 32.029, 204.979)

Conversions

Conversions Part 1

Format	Color
Hex	54C3CB
RGB	84, 195, 203
RGB Percent	33%, 76%, 80%
CMY	0.6711, 0.2357, 0.2044
CMYK	0.59, 0.04, 0.00, 0.20
HSL	184°, 53%, 56%
HSV	184°, 59%, 80%
XYZ	33.8999, 45.1644, 63.3598
YIQ	162.7230, -68.7240, -21.0440

Conversions

Conversions Part 2

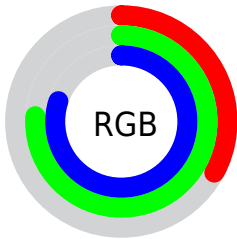
Format	Color
R_{YB}	84, 141, 203
Decimal	5555147
CIE _{Lab}	73.00, -29.03, -13.53
CIE _{LCh}	73, 32.029, 204.979
Yxy	45.1644, 0.2380, 0.3171
Android (android.graphics.Color)	4283745227 (0xFF54C3CB)
YUV	162.7230, 19.8566, -69.0401
Hunter-Lab	67.2044, -27.5670, -8.8550

Details

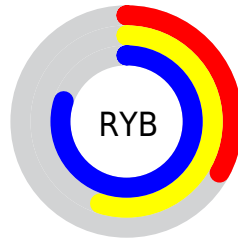
The CIELCh color **73, 32.029, 204.979** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **53, 50.751, 30.998**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.376, 200.195**, and **53, 31.306, 205.184** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.981, 205.366**, and if you desaturate by 10%, it is **74, 28.202, 204.762**.

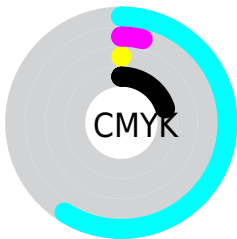
Distribution



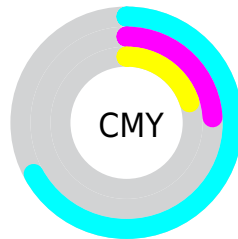
- Red (33%)
- Green (76%)
- Blue (80%)



- Red (33%)
- Yellow (55%)
- Blue (80%)



- Cyan (59%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)





- Cyan (67%)
- Magenta (24%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 32.029, 204.979 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 73, 32.029, 204.979 by changing the saturation by 10% instead.


 73, 32.029,
204.979


 73, 32.029,
204.979


 100, 32.029,
204.979


 63, 32.029,
204.979


 93, 32.029,
204.979

 53, 32.029,
204.979

 43, 32.029,
204.979

 33, 32.029,
204.979

 23, 32.029,
204.979

 13, 32.029,
204.979

 3, 32.029, 204.979

0, 32.029, 204.979

73, 32.029,
204.979

73, 32.029,
204.979

72, 34.981,
205.366

74, 28.202,
204.762

71, 37.032,
205.950

75, 23.570,
204.696

71, 38.209,
206.751

77, 18.231,
204.759

70, 38.656,
207.764

78, 12.294,
204.933

70, 38.697,
207.906

80, 5.872, 205.226

82, 0.930, 24.836

84, 8.017, 25.732

■ 86, 15.307, 26.165

■ 87, 18.281, 27.651

Harmonies

Complementary

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



73, 32.029, 204.979



53, 50.751, 30.998

Rectangle

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



73, 32.029, 204.979



73, 32.029, 254.979



73, 32.029, 24.979



73, 32.029, 74.979

Sweetspot

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



73, 32.029, 204.977



96, 14.296, 204.942



73, 71.687, 141.057



51, 9.839, 204.879



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 32.029, 204.977



88, 42.206, 205.481



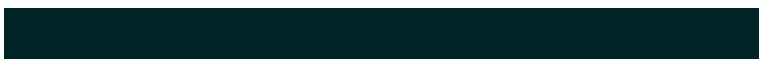
56, 40.215, 274.339



42, 3.856, 205.198



58, 33.333, 207.725



12, 12.601, 205.204

Inverse Universe

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



55, 70.748, 329.514



64, 96.457, 330.069



66, 44.186, 74.392



40, 7.200, 326.807



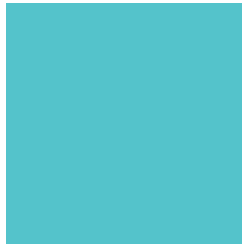
39, 79.446, 331.076



5, 27.512, 329.779

Previews

White Background



This preview shows how the CIELCh color 73, 32.029, 204.979 looks on a white background.

Color Contrast Check

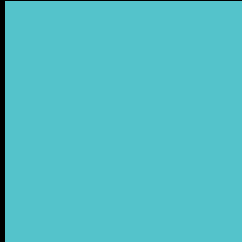
Large Text (above 18pt) WCAG AA × Fail

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 73, 32.029, 204.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

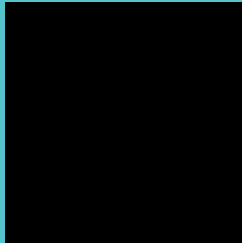
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 32.029, 204.979

Background



This preview shows how black text looks on a background with the CIELCh color 73, 32.029, 204.979.

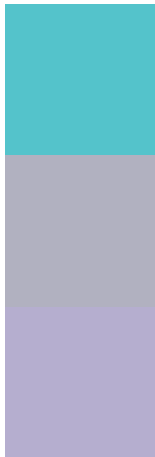


This preview shows how white text looks on a background with the CIELCh color 73, 32.029, 204.979.

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

73, 32.029, 204.979

Protanopia

73, 8.161, 290.973

Deuteranopia

73, 18.182, 299.623

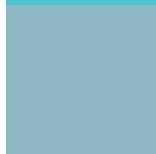


Tritanopia
73, 31.233, 213.607

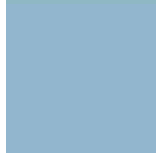
Trichromacy



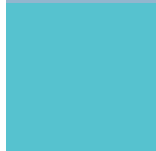
Original Color
73, 32.029, 204.979



Protanomaly
72, 15.144, 224.141



Deuteranomaly
72, 17.359, 247.882

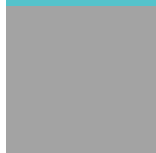


Tritanomaly
73, 31.353, 210.373

Monochromacy



Original Color
73, 32.029, 204.979



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 14.343, 204.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 32.029, 204.979 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(84, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(84, 195, 203)  
}
```

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(84, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 195, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 32.029, 204.979 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(84, 195, 203) }
```

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

```
.border{ border-color:rgb(84, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(84, 195,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 32.029, 204.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 195, 203) }
```

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

```
.background{ background-color: rgb(84, 195,  
203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor