

Converting Colors

CIELCh(75, 14.533, 253.046)

Have a look what the booklet for
CIELCh(75, 14.533, 253.046)
contains.

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Color

CIELCh(75, 14.553, 254.020)

Conversions

Conversions Part 1

Format	Color
Hex	A2BCD2
RGB	162, 188, 210
RGB Percent	64%, 74%, 82%
CMY	0.3648, 0.2629, 0.1766
CMYK	0.23, 0.10, 0.00, 0.18
HSL	207°, 35%, 73%
HSV	207°, 23%, 82%
XYZ	44.4951, 48.2781, 67.9201
YIQ	182.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

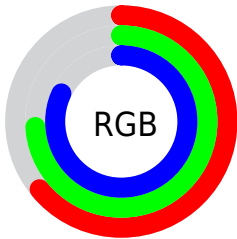
Format	Color
RYB	162, 179, 210
Decimal	10665170
CIELab	75.00, -4.01, -13.99
CIELCh	75, 14.553, 254.020
Yxy	48.2781, 0.2769, 0.3004
Android (android.graphics.Color)	4288855250 (0xFFA2BCD2)
YUV	182.7340, 13.4421, -18.1837
Hunter-Lab	69.4824, -7.2866, -9.3192

Details

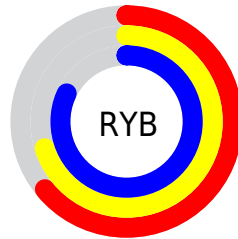
The CIELCh color `75, 14.553, 254.020` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `76, 15.723, 68.094`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 10.559, 231.455`, and `55, 14.803, 253.836` is the 20% darker color. If you saturate the color by 10%, you get `71, 20.681, 255.890`, and if you desaturate by 10%, it is `79, 8.266, 252.466`.

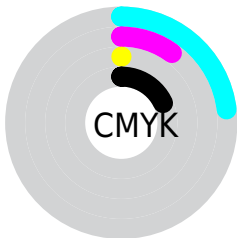
Distribution



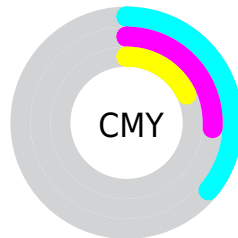
- Red (64%)
- Green (74%)
- Blue (82%)



- Red (64%)
- Yellow (70%)
- Blue (82%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 14.553, 254.020 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 75, 14.553, 254.020 by changing the saturation by 10% instead.

■ 75, 14.553,
254.020

■ 75, 14.553,
254.020

■ 100, 14.553,
254.020

■ 65, 14.553,
254.020

■ 95, 14.553,
254.020

■ 55, 14.553,
254.020

■ 45, 14.553,
254.020

■ 35, 14.553,
254.020

■ 25, 14.553,
254.020

■ 15, 14.553,
254.020

■ 5, 14.553, 254.020

0, 14.553, 254.020

75, 14.553,
254.020

75, 14.553,
254.020

71, 20.681,
255.890

79, 8.266, 252.466

67, 26.621,
258.149

83, 1.858, 251.325

87, 4.639, 69.906

63, 32.353,
260.856

91, 11.194, 69.022

60, 37.882,
264.070

94, 15.151, 81.232

97, 18.507, 97.940

56, 43.248,
267.821

99, 22.748,
108.454

53, 48.534,
272.085

■ 50, 53.858,
276.745

■ 48, 57.777,
280.101

Harmonies

Complementary

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



75, 14.553, 254.020



76, 15.723, 68.094

Rectangle

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



75, 14.553, 254.020



75, 14.553, 304.020



75, 14.553, 74.020



75, 14.553, 124.020

Sweetspot

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



75, 14.552, 254.015



97, 5.295, 251.719



80, 22.432, 159.094



51, 3.439, 251.791



0, 0.000, 0.000



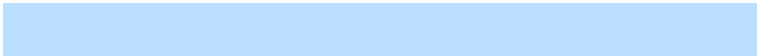
53, 0.007, 296.813

Same Dimension

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



75, 14.552, 254.015



87, 20.026, 254.805



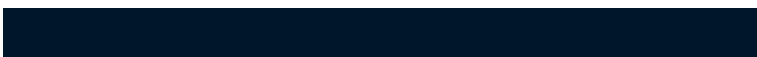
69, 25.088, 290.835



42, 3.646, 252.004



38, 48.305, 279.301



7, 15.310, 267.802

Inverse Universe

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



72, 22.810, 343.407



83, 31.609, 343.845



82, 23.915, 105.797



41, 5.576, 342.181



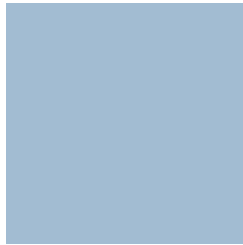
36, 62.722, 357.807



5, 22.269, 351.211

Previews

White Background



This preview shows how the CIELCh color 75, 14.553, 254.020 looks on a white background.

Color Contrast Check

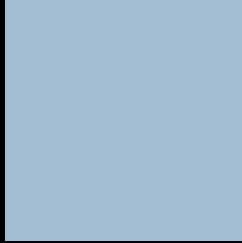
Large Text (above 18pt) WCAG AA × Fail

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 75, 14.553, 254.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

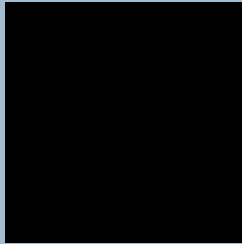
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

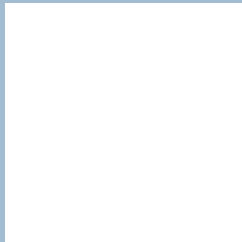
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 14.553, 254.020

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.553, 254.020.



This preview shows how white text looks on a background with the CIELCh color 75, 14.553, 254.020.

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
75, 14.553, 254.020

Protanopia
75, 12.977, 288.302

Deuteranopia
75, 17.653, 302.056



Tritanopia
75, 12.373, 239.928

Trichromacy



Original Color
75, 14.553, 254.020

Protanomaly
75, 12.900, 274.157

Deuteranomaly
75, 15.166, 286.359

Tritanomaly
75, 13.042, 243.825

Monochromacy



Original Color
75, 14.553, 254.020

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.567, 250.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.553, 254.020 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(162, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(162, 188, 210)  
}
```

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(162, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 188, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.553, 254.020 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(162, 188, 210) }
```

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

```
.border{ border-color:rgb(162, 188, 210) }
```

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

Here you see how a box with a 4 pixel rgb(162, 188, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(162, 188,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.553, 254.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 188, 210) }
```

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

```
.background{ background-color: rgb(162,  
188, 210) }
```

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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