

Converting Colors

CIELCh(75, 20.305, 230.941)

Have a look what the booklet for
CIELCh(75, 20.305, 230.941)
contains.

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Color

CIELCh(75, 20.347, 230.579)

Conversions

Conversions Part 1

Format	Color
Hex	8AC1D5
RGB	138, 193, 213
RGB Percent	54%, 76%, 84%
CMY	0.4593, 0.2436, 0.1652
CMYK	0.35, 0.09, 0.00, 0.17
HSL	196°, 47%, 69%
HSV	196°, 35%, 83%
XYZ	41.5000, 48.2781, 70.0008
YIQ	178.8350, -39.2000, -5.4400

Conversions

Conversions Part 2

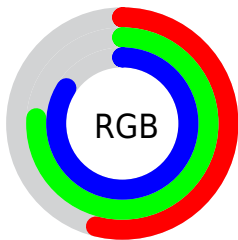
Format	Color
RYB	138, 170, 213
Decimal	9093589
CIELab	75.00, -12.92, -15.72
CIELCh	75, 20.347, 230.579
Yxy	48.2781, 0.2597, 0.3022
Android (android.graphics.Color)	4287283669 (0xFF8AC1D5)
YUV	178.8350, 16.8433, -35.8123
Hunter-Lab	69.4824, -14.9810, -11.0946

Details

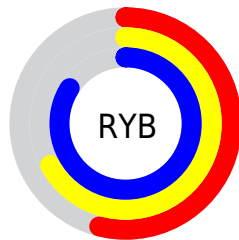
The CIELCh color **75, 20.347, 230.579** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 25.643, 46.026**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 18.110, 208.205**, and **55, 20.349, 230.744** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.126, 232.107**, and if you desaturate by 10%, it is **78, 15.058, 229.393**.

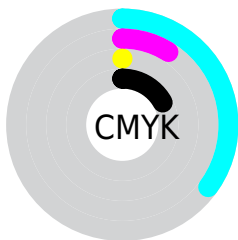
Distribution



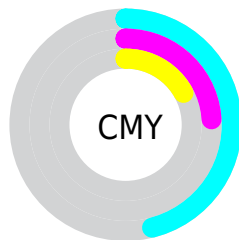
- Red (54%)
- Green (76%)
- Blue (84%)



- Red (54%)
- Yellow (67%)
- Blue (84%)



- Cyan (35%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)





- Cyan (46%)
- Magenta (24%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.347, 230.579 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, 20.347, 230.579 by changing the saturation by 10% instead.


 75, 20.347,
230.579


 75, 20.347,
230.579


 100, 20.347,
230.579


 65, 20.347,
230.579


 95, 20.347,
230.579

 55, 20.347,
230.579

 45, 20.347,
230.579

 35, 20.347,
230.579

 25, 20.347,
230.579

 15, 20.347,
230.579

 5, 20.347, 230.579

0, 20.347, 230.579

75, 20.347,
230.579

75, 20.347,
230.579

72, 25.126,
232.107

78, 15.058,
229.393

70, 29.323,
234.068

81, 9.343, 228.498

67, 32.885,
236.552

84, 3.284, 227.903

87, 3.047, 47.025

65, 35.803,
239.648

90, 9.583, 46.746

63, 38.133,
243.427

92, 12.751, 54.418

94, 13.144, 69.939

61, 40.011,
247.895

95, 14.418, 83.564

■ 60, 40.861,
250.143

■ 96, 16.360, 94.403

Harmonies

Complementary

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



75, 20.347, 230.579



70, 25.643, 46.026

Rectangle

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



75, 20.347, 230.579



75, 20.347, 280.579



75, 20.347, 50.579



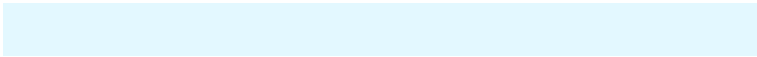
75, 20.347, 100.579

Sweetspot

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



75, 20.347, 230.576



96, 7.892, 228.206



79, 40.569, 149.461



51, 5.286, 228.298



0, 0.000, 0.000



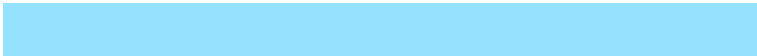
53, 0.007, 296.813

Same Dimension

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



75, 20.347, 230.576



86, 27.326, 231.639



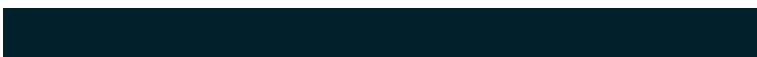
65, 31.587, 282.628



44, 3.549, 228.102



49, 34.505, 249.334



11, 12.893, 239.201

Inverse Universe

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



67, 40.395, 335.456



75, 55.368, 336.033



79, 30.762, 92.904



42, 6.513, 333.561



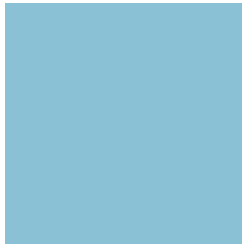
38, 69.971, 342.390



6, 27.098, 339.241

Previews

White Background



This preview shows how the CIELCh color 75, 20.347, 230.579 looks on a white background.

Color Contrast Check

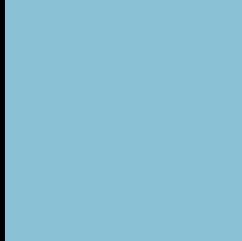
Large Text (above 18pt) WCAG AA × Fail

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, 20.347, 230.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

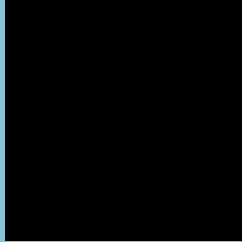
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 20.347, 230.579

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.347, 230.579.



This preview shows how white text looks on a background with the CIELCh color 75, 20.347, 230.579.

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](#).

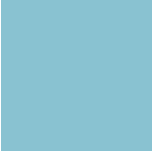
Dichromacy



Original Color
75, 20.347, 230.579

Protanopia
75, 12.438, 288.110

Deuteranopia
75, 19.676, 299.048



Tritanopia
75, 19.899, 222.352

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.347, 230.579 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(138, 193, 213)` looks like.

```
.text, #text, p{  
    color:rgb(138, 193, 213)  
}
```

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(138, 193, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 193, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.347, 230.579 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(138, 193, 213) }
```

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

```
.border{ border-color:rgb(138, 193, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 193, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 193, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 193, 213);  
box-shadow:4px 4px 4px 4px rgb(138, 193,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.347, 230.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 193, 213) }
```

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

```
.background{ background-color: rgb(138,  
193, 213) }
```

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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