

Converting Colors

CIELCh(75, 13.693, 240.379)

Have a look what the booklet for
CIELCh(75, 13.693, 240.379)
contains.

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Color

CIELCh(75, 13.744, 240.938)

Conversions

Conversions Part 1

Format	Color
Hex	9EBDCE
RGB	158, 189, 206
RGB Percent	62%, 74%, 81%
CMY	0.3793, 0.2577, 0.1911
CMYK	0.23, 0.08, 0.00, 0.19
HSL	201°, 33%, 71%
HSV	201°, 23%, 81%
XYZ	43.5835, 48.2781, 65.5899
YIQ	181.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

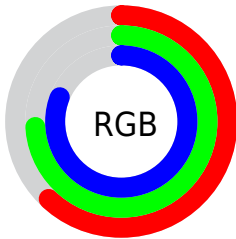
Format	Color
R _{YB}	158, 177, 206
Decimal	10403278
CIE Lab	75.00, -6.68, -12.01
CIE LCh	75, 13.744, 240.938
Yxy	48.2781, 0.2768, 0.3066
Android (android.graphics.Color)	4288593358 (0xFF9EBDCE)
YUV	181.6690, 11.9952, -20.7577
Hunter-Lab	69.4824, -9.6286, -7.3307

Details

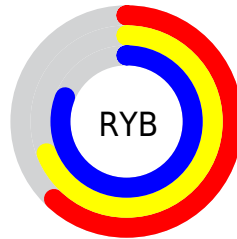
The CIELCh color $75, 13.744, 240.938$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $74, 15.475, 56.288$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 11.740, 224.913$, and $55, 13.704, 241.034$ is the 20% darker color. If you saturate the color by 10%, you get $72, 19.196, 242.513$, and if you desaturate by 10%, it is $78, 7.995, 239.672$.

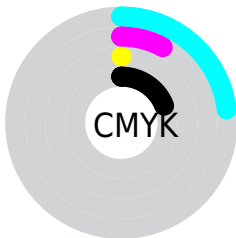
Distribution



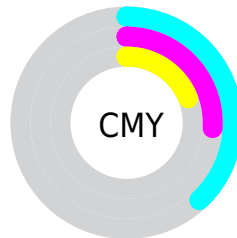
- Red (62%)
- Green (74%)
- Blue (81%)



- Red (62%)
- Yellow (69%)
- Blue (81%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 13.744, 240.938 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, 13.744, 240.938 by changing the saturation by 10% instead.

■ 75, 13.744,
240.938

■ 75, 13.744,
240.938

■ 100, 13.744,
240.938

■ 65, 13.744,
240.938

■ 95, 13.744,
240.938

■ 55, 13.744,
240.938

■ 45, 13.744,
240.938

■ 35, 13.744,
240.938

■ 25, 13.744,
240.938

■ 15, 13.744,
240.938

■ 5, 13.744, 240.938

0, 13.744, 240.938

75, 13.744,
240.938

75, 13.744,
240.938

72, 19.196,
242.513

78, 7.995, 239.672

82, 2.007, 238.813

69, 24.294,
244.478

85, 4.165, 57.609

66, 28.988,
246.906

89, 10.474, 56.988

63, 33.254,
249.882

92, 14.960, 61.995

93, 16.077, 78.217

60, 37.104,
253.476

95, 18.279, 91.338

57, 40.607,
257.716

97, 21.215,
101.148

■ 55, 43.896,
262.546

■ 99, 24.595,
108.312

■ 53, 46.120,
265.931

Harmonies

Complementary

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



75, 13.744, 240.938



74, 15.475, 56.288

Rectangle

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



75, 13.744, 240.938



75, 13.744, 290.938



75, 13.744, 60.938



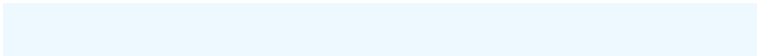
75, 13.744, 110.938

Sweetspot

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



75, 13.743, 240.932



97, 5.063, 239.055



79, 24.307, 154.529



52, 3.286, 239.108



0, 0.000, 0.000



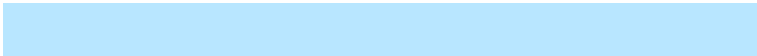
53, 0.007, 296.813

Same Dimension

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



75, 13.743, 240.932



89, 19.418, 241.690



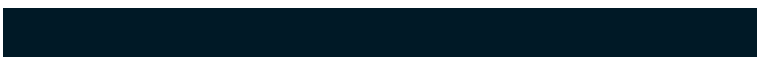
69, 22.518, 286.243



41, 3.409, 239.267



43, 38.794, 265.055



7, 12.673, 253.442

Inverse Universe

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



70, 24.546, 338.306



82, 35.107, 338.736



80, 21.750, 100.675



40, 5.878, 337.199



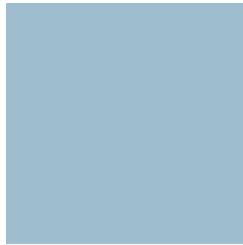
36, 64.855, 348.839



4, 21.808, 344.158

Previews

White Background



This preview shows how the CIELCh color 75, 13.744, 240.938 looks on a white background.

Color Contrast Check

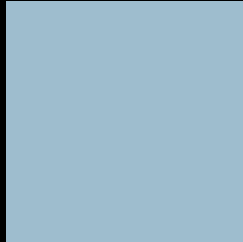
Large Text (above 18pt) WCAG AA × Fail

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, 13.744, 240.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

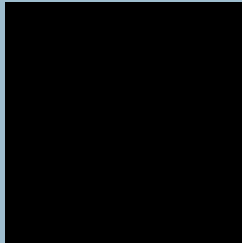
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

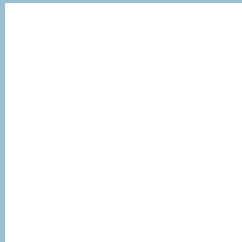
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.744, 240.938

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.744, 240.938.



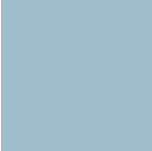
This preview shows how white text looks on a background with the CIELCh color 75, 13.744, 240.938.

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
75, 13.368, 236.214

Trichromacy



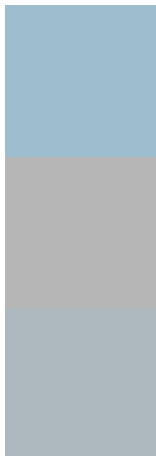
Original Color
75, 13.744, 240.938

Protanomaly
75, 10.991, 268.722

Deuteranomaly
75, 13.020, 285.236

Tritanomaly
75, 13.368, 236.214

Monochromacy



Original Color
75, 13.744, 240.938

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.351, 236.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.744, 240.938 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(158, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(158, 189, 206)  
}
```

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(158, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 189, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.744, 240.938 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(158, 189, 206) }
```

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

```
.border{ border-color:rgb(158, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(158, 189,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.744, 240.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 189, 206) }
```

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

```
.background{ background-color: rgb(158,  
189, 206) }
```

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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