

Converting Colors

CIELCh(75, 13.032, 241.723)

Have a look what the booklet for
CIELCh(75, 13.032, 241.723)
contains.

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Color

CIELCh(75, 12.940, 240.932)

Conversions

Conversions Part 1

Format	Color
Hex	A0BDCD
RGB	160, 189, 205
RGB Percent	63%, 74%, 80%
CMY	0.3725, 0.2588, 0.1961
CMYK	0.22, 0.08, 0.00, 0.20
HSL	201°, 31%, 72%
HSV	201°, 22%, 80%
XYZ	43.7156, 48.2781, 64.7739
YIQ	182.1530, -22.4200, -1.1720

Conversions

Conversions Part 2

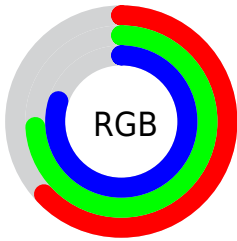
Format	Color
R_{YB}	160, 178, 205
Decimal	10534349
CIE _{Lab}	75.00, -6.29, -11.31
CIE _{LCh}	75, 12.940, 240.932
Yxy	48.2781, 0.2789, 0.3080
Android (android.graphics.Color)	4288724429 (0xFFA0BDCD)
YUV	182.1530, 11.2636, -19.4282
Hunter-Lab	69.4824, -9.2891, -6.6344

Details

The CIELCh color $75, 12.940, 240.932$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $74, 14.454, 56.549$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 11.166, 226.392$, and $55, 12.885, 240.894$ is the 20% darker color. If you saturate the color by 10%, you get $72, 18.412, 242.466$, and if you desaturate by 10%, it is $78, 7.181, 239.701$.

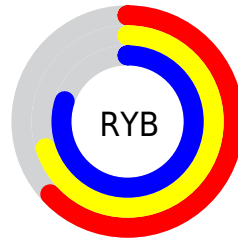
Distribution



Red (63%)

Green (74%)

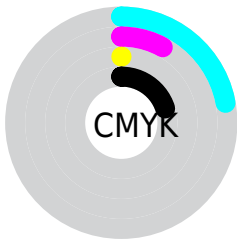
Blue (80%)



Red (63%)

Yellow (70%)

Blue (80%)

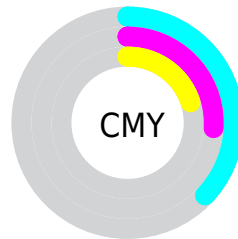


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (20%)



Cyan (37%)


Magenta (26%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.940, 240.932 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, 12.940, 240.932 by changing the saturation by 10% instead.


 75, 12.940,
240.932


 75, 12.940,
240.932


 100, 12.940,
240.932


 65, 12.940,
240.932


 95, 12.940,
240.932

 55, 12.940,
240.932

 45, 12.940,
240.932

 35, 12.940,
240.932

 25, 12.940,
240.932

 15, 12.940,
240.932

 5, 12.940, 240.932

0, 12.940, 240.932

75, 12.940,
240.932

75, 12.940,
240.932

72, 18.412,
242.466

78, 7.181, 239.701

82, 1.195, 239.021

69, 23.542,
244.380

85, 4.968, 57.693

66, 28.279,
246.747

89, 11.261, 57.070

63, 32.593,
249.650

92, 15.404, 62.880

93, 16.560, 78.545

60, 36.492,
253.162

95, 18.762, 91.261

57, 40.038,
257.319

97, 21.676,
100.847

■ 55, 43.353,
262.077

■ 99, 25.038,
107.931

■ 53, 46.013,
266.125

Harmonies

Complementary

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



75, 12.940, 240.932



74, 14.454, 56.549

Rectangle

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



75, 12.940, 240.932



75, 12.940, 290.932



75, 12.940, 60.932



75, 12.940, 110.932

Sweetspot

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



75, 12.939, 240.925



97, 5.064, 239.226



79, 22.813, 154.652



52, 3.287, 239.280



0, 0.000, 0.000



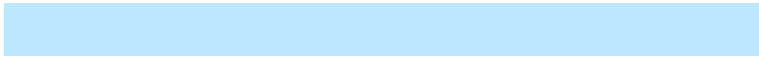
53, 0.007, 296.813

Same Dimension

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



75, 12.939, 240.925



90, 18.124, 241.558



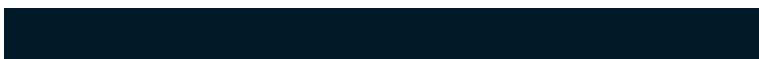
69, 21.085, 286.042



41, 3.410, 239.439



43, 38.892, 265.272



7, 12.691, 253.656

Inverse Universe

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



71, 23.003, 338.258



84, 32.565, 338.625



80, 20.410, 100.826



40, 5.872, 337.259



36, 64.807, 348.947



4, 21.786, 344.247

Previews

White Background



This preview shows how the CIELCh color 75, 12.940, 240.932 looks on a white background.

Color Contrast Check

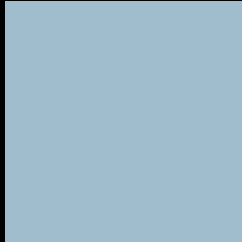
Large Text (above 18pt) WCAG AA × Fail

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, 12.940, 240.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

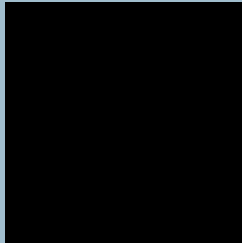
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

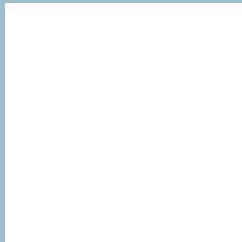
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.940, 240.932

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.940, 240.932.



This preview shows how white text looks on a background with the CIELCh color 75, 12.940, 240.932.

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, 12.940, 240.932

Protanopia
75, 9.731, 291.099

Deuteranopia
75, 15.910, 308.445



Tritanopia
75, 12.621, 238.944

Trichromacy



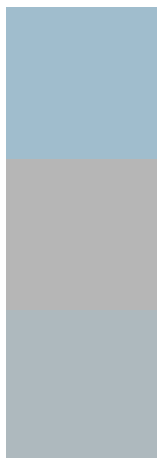
Original Color
75, 12.940, 240.932

Protanomaly
75, 9.758, 269.897

Deuteranomaly
75, 12.456, 286.502

Tritanomaly
75, 12.621, 238.944

Monochromacy



Original Color
75, 12.940, 240.932

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.764, 233.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.940, 240.932 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(160, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 205)  
}
```

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(160, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.940, 240.932 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(160, 189, 205) }
```

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

```
.border{ border-color:rgb(160, 189, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.940, 240.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 205) }
```

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

```
.background{ background-color: rgb(160,  
189, 205) }
```

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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