

Converting Colors

CIELCh(75, 5.417, 153.320)

Have a look what the booklet for
CIELCh(75, 5.417, 153.320) contains.

CIELCh(75, 5.324, 153.984)	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(75, 5.324, 153.984)

Conversions

Conversions Part 1

Format	Color
Hex	B1BBB4
RGB	177, 187, 180
RGB Percent	69%, 73%, 71%
CMY	0.3052, 0.2660, 0.2935
CMYK	0.05, 0.00, 0.04, 0.27
HSL	138°, 7%, 71%
HSV	138°, 5%, 73%
XYZ	44.2281, 48.2781, 50.2542
YIQ	183.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

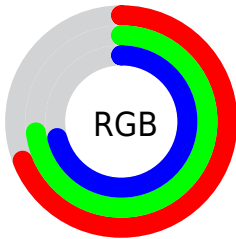
Format	Color
RYB	177, 185, 187
Decimal	11647924
CIELab	75.00, -4.78, 2.34
CIELCh	75, 5.324, 153.984
Yxy	48.2781, 0.3098, 0.3382
Android (android.graphics.Color)	4289838004 (0xFFB1BBB4)
YUV	183.2120, -1.5835, -5.4479
Hunter-Lab	69.4824, -7.9725, 5.7553

Details

The CIELCh color $75, 5.324, 153.984$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 5.351, 334.581$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.063, 154.082$, and $55, 5.668, 153.832$ is the 20% darker color. If you saturate the color by 10%, you get $73, 15.369, 153.191$, and if you desaturate by 10%, it is $77, 4.617, 334.509$.

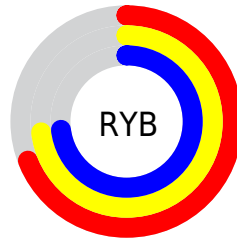
Distribution



Red (69%)

Green (73%)

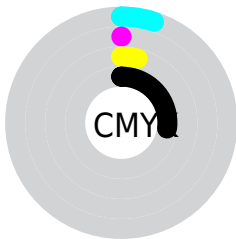
Blue (71%)



Red (69%)

Yellow (73%)

Blue (73%)

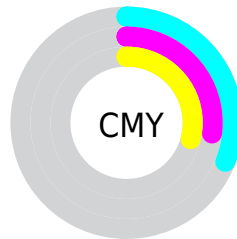


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (27%)



Cyan (31%)

Magenta (27%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.324, 153.984 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, 5.324, 153.984 by changing the saturation by 10% instead.

 75, 5.324, 153.984

 75, 5.324, 153.984

 100, 5.324,
153.984

 65, 5.324, 153.984

 95, 5.324, 153.984

 55, 5.324, 153.984

 45, 5.324, 153.984

 35, 5.324, 153.984

 25, 5.324, 153.984

 15, 5.324, 153.984

 5, 5.324, 153.984

 0, 5.324, 153.984

 75, 5.324, 153.984

 75, 5.324, 153.984

73, 15.369,
153.191

77, 4.617, 334.509

72, 25.404,
152.323

79, 14.381,
335.139

71, 35.292,
151.332

81, 23.909,
335.666

69, 44.869,
150.193

83, 33.167,
336.134

69, 53.948,
148.885

84, 38.728,
330.047

68, 62.340,
147.396

84, 42.521,
325.898

67, 69.871,
145.726

67, 76.403,
143.897

67, 81.854,

141.967

Harmonies

Complementary

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



75, 5.324, 153.984



73, 5.351, 334.581

Rectangle

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



75, 5.324, 153.984



75, 5.324, 203.984



75, 5.324, 333.984



75, 5.324, 23.984

Sweetspot

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



75, 5.326, 153.981



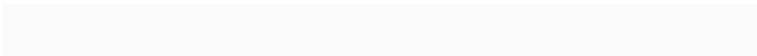
95, 2.447, 154.307



75, 5.486, 120.874



51, 1.402, 154.323



98, 0.011, 296.813



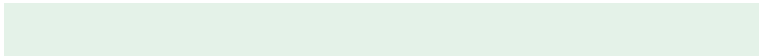
51, 0.007, 296.813

Same Dimension

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



75, 5.326, 153.981



94, 7.376, 153.920



75, 3.870, 181.639



39, 3.983, 153.884



57, 73.763, 141.396



9, 18.685, 150.750

Inverse Universe

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



73, 5.351, 334.581



92, 7.411, 334.639



73, 3.952, 2.353



38, 4.001, 334.674



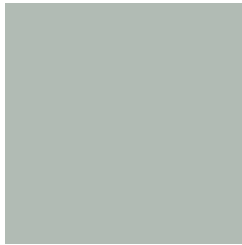
35, 64.728, 344.619



3, 16.082, 339.794

Previews

White Background



This preview shows how the CIELCh color 75, 5.324, 153.984 looks on a white background.

Color Contrast Check

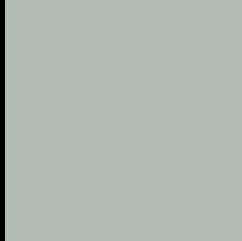
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 5.324, 153.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

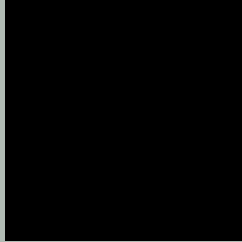
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

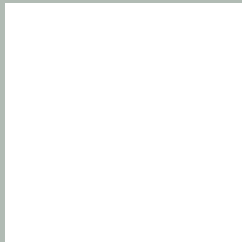
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.324, 153.984

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.324, 153.984.



This preview shows how white text looks on a background with the CIELCh color 75, 5.324, 153.984.

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, 5.324, 153.984

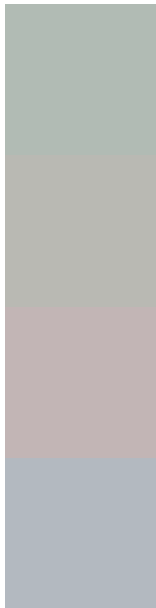
Protanopia
75, 3.722, 79.372

Deuteranopia
75, 9.725, 7.437



Tritanopia
75, 8.203, 280.928

Trichromacy



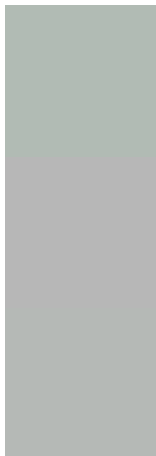
Original Color
75, 5.324, 153.984

Protanomaly
75, 3.223, 109.853

Deuteranomaly
75, 4.903, 19.707

Tritanomaly
75, 4.329, 260.415

Monochromacy



Original Color
75, 5.324, 153.984

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 2.204, 152.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.324, 153.984 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(177, 187, 180)` looks like.

```
.text, #text, p{  
    color:rgb(177, 187, 180)  
}
```

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(177, 187, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 187, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.324, 153.984 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(177, 187, 180) }
```

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

```
.border{ border-color:rgb(177, 187, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 187, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 187, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 187, 180);  
box-shadow:4px 4px 4px 4px rgb(177, 187,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.324, 153.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 187, 180) }
```

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

```
.background{ background-color: rgb(177,  
187, 180) }
```

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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