

Converting Colors

CIELCh(75, 7.641, 135.765)

Have a look what the booklet for
CIELCh(75, 7.641, 135.765) contains.

CIELCh(75, 7.320, 137.044)	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, 7.320, 137.044)

Conversions

Conversions Part 1

Format	Color
Hex	B2BBAF
RGB	178, 187, 175
RGB Percent	70%, 73%, 69%
CMY	0.3008, 0.2655, 0.3125
CMYK	0.05, 0.00, 0.06, 0.27
HSL	105°, 8%, 71%
HSV	105°, 6%, 73%
XYZ	44.0322, 48.2781, 47.7107
YIQ	182.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

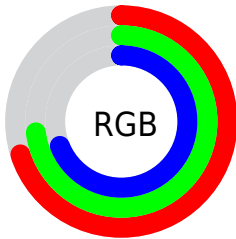
Format	Color
RYB	175, 187, 184
Decimal	11713455
CIELab	75.00, -5.36, 4.99
CIELCh	75, 7.320, 137.044
Yxy	48.2781, 0.3145, 0.3448
Android (android.graphics.Color)	4289903535 (0xFFB2BBAF)
YUV	182.9410, -3.9149, -4.3333
Hunter-Lab	69.4824, -8.4757, 7.9257

Details

The CIELCh color `75, 7.320, 137.044` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 7.365, 317.541`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 6.961, 137.113`, and `55, 7.288, 139.006` is the 20% darker color. If you saturate the color by 10%, you get `74, 18.834, 136.554`, and if you desaturate by 10%, it is `77, 4.088, 317.396`.

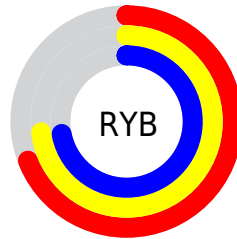
Distribution



Red (70%)

Green (73%)

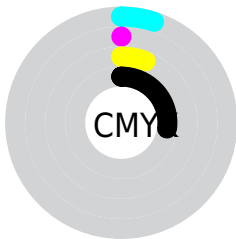
Blue (69%)



Red (69%)

Yellow (73%)

Blue (72%)

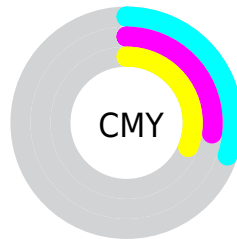


Cyan (5%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.320, 137.044 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, 7.320, 137.044 by changing the saturation by 10% instead.

■ 75, 7.320, 137.044

■ 75, 7.320, 137.044

■ 100, 7.320,
137.044

■ 65, 7.320, 137.044

■ 95, 7.320, 137.044

■ 55, 7.320, 137.044

■ 45, 7.320, 137.044

■ 35, 7.320, 137.044

■ 25, 7.320, 137.044

■ 15, 7.320, 137.044

■ 5, 7.320, 137.044

■ 0, 7.320, 137.044

■ 75, 7.320, 137.044

■ 75, 7.320, 137.044

74, 18.834,
136.554

77, 4.088, 317.396

72, 30.348,
136.017

78, 15.327,
317.795

71, 41.728,
135.435

80, 26.347,
318.117

70, 52.782,
134.828

82, 37.119,
318.391

69, 63.251,
134.237

83, 41.362,
323.147

68, 72.785,
133.733

84, 42.433,
325.895

68, 80.935,
133.424

67, 87.214,
133.436

67, 91.310,

133.847

Harmonies

Complementary

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



75, 7.320, 137.044



73, 7.365, 317.541

Rectangle

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



75, 7.320, 137.044



75, 7.320, 187.044



75, 7.320, 317.044



75, 7.320, 7.044

Sweetspot

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



75, 7.322, 137.047



95, 2.801, 137.292



75, 4.964, 96.453



51, 1.605, 137.301



98, 0.011, 296.813



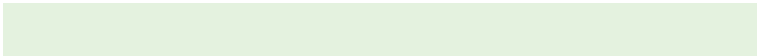
51, 0.007, 296.813

Same Dimension

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



75, 7.322, 137.047



94, 11.274, 136.963



75, 6.634, 151.966



39, 6.524, 136.904



57, 81.425, 133.849



9, 20.403, 139.413

Inverse Universe

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



73, 7.365, 317.541



90, 11.345, 317.620



73, 6.660, 332.704



37, 6.568, 317.675



30, 82.997, 319.092



3, 19.228, 314.620

Previews

White Background



This preview shows how the CIELCh color 75, 7.320, 137.044 looks on a white background.

Color Contrast Check

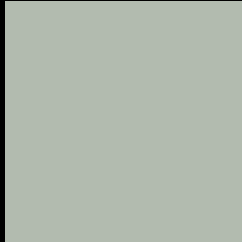
Large Text (above 18pt) WCAG AA × Fail

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, 7.320, 137.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

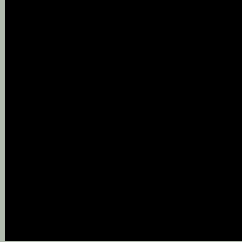
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

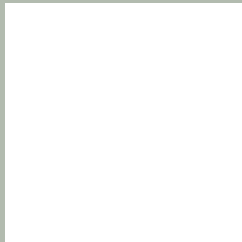
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.320, 137.044

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.320, 137.044.



This preview shows how white text looks on a background with the CIELCh color 75, 7.320, 137.044.

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, 7.320, 137.044

Protanopia

75, 6.330, 88.379

Deuteranopia

75, 10.375, 23.181



Tritanopia
75, 7.585, 285.473

Trichromacy



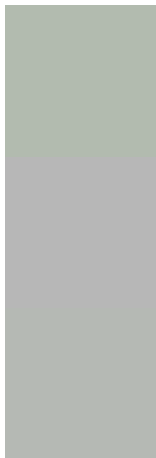
Original Color
75, 7.320, 137.044

Protanomaly
75, 5.922, 105.930

Deuteranomaly
75, 5.970, 46.465

Tritanomaly
75, 3.051, 261.890

Monochromacy



Original Color
75, 7.320, 137.044

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 3.090, 138.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.320, 137.044 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(178, 187, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 187, 175)  
}
```

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(178, 187, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 187, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.320, 137.044 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(178, 187, 175) }
```

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

```
.border{ border-color:rgb(178, 187, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 187, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 187, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 187, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 187,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.320, 137.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 187, 175) }
```

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

```
.background{ background-color: rgb(178,  
187, 175) }
```

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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