

Converting Colors

CIELCh(75, 6.720, 109.458)

Have a look what the booklet for
CIELCh(75, 6.720, 109.458) contains.

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Color

CIELCh(75, 6.452, 109.554)

Conversions

Conversions Part 1

Format	Color
Hex	B9B9AD
RGB	185, 185, 173
RGB Percent	73%, 73%, 68%
CMY	0.2728, 0.2728, 0.3199
CMYK	0.00, 0.00, 0.06, 0.27
HSL	60°, 8%, 70%
HSV	60°, 6%, 73%
XYZ	45.1332, 48.2781, 46.6894
YIQ	183.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

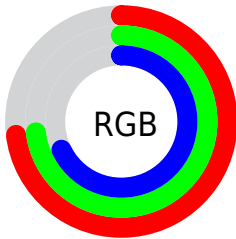
Format	Color
RYB	173, 185, 173
Decimal	12171693
CIELab	75.00, -2.16, 6.08
CIELCh	75, 6.452, 109.554
Yxy	48.2781, 0.3221, 0.3446
Android (android.graphics.Color)	4290361773 (0xFFB9B9AD)
YUV	183.6320, -5.2416, 1.1997
Hunter-Lab	69.4824, -5.6474, 8.7972

Details

The CIELCh color $75, 6.452, 109.554$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 6.560, 290.842$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 6.651, 109.647$, and $55, 6.292, 109.401$ is the 20% darker color. If you saturate the color by 10%, you get $75, 16.391, 108.613$, and if you desaturate by 10%, it is $75, 3.529, 290.537$.

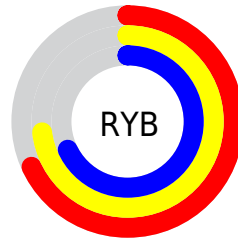
Distribution



Red (73%)

Green (73%)

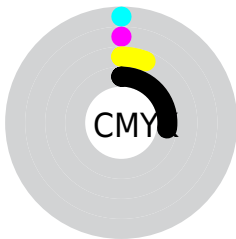
Blue (68%)



Red (68%)

Yellow (73%)

Blue (68%)

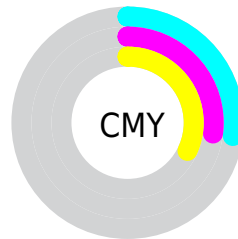


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.452, 109.554 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, 6.452, 109.554 by changing the saturation by 10% instead.

■ 75, 6.452, 109.554

■ 75, 6.452, 109.554

■ 100, 6.452,
109.554

■ 65, 6.452, 109.554

■ 95, 6.452, 109.554

■ 55, 6.452, 109.554

■ 45, 6.452, 109.554

■ 35, 6.452, 109.554

■ 25, 6.452, 109.554

■ 15, 6.452, 109.554

■ 5, 6.452, 109.554

■ 0, 6.452, 109.554

■ 75, 6.452, 109.554

■ 75, 6.452, 109.554

75, 16.391,
108.613

75, 3.529, 290.537

74, 26.222,
107.654

76, 13.518,
291.444

74, 35.852,
106.709

77, 23.485,
292.331

74, 45.137,
105.802

77, 33.410,
293.182

73, 53.853,
104.958

78, 37.358,
293.512

73, 61.676,
104.213

78, 37.358,
293.514

73, 68.175,
103.607

78, 37.358,
293.517

73, 72.890,
103.175

78, 37.358,
293.519

73, 75.568,

78, 37.358,
293.522

Harmonies

Complementary

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



75, 6.452, 109.554



71, 6.560, 290.842

Rectangle

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



75, 6.452, 109.554



75, 6.452, 159.554



75, 6.452, 289.554



75, 6.452, 339.554

Sweetspot

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



75, 6.454, 109.566



95, 2.470, 109.967



72, 4.563, 19.687



51, 1.416, 109.976



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, 6.454, 109.566



95, 9.906, 109.410



75, 6.871, 128.804



39, 5.600, 109.296



62, 66.992, 102.869



10, 15.132, 108.856

Inverse Universe

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



71, 6.560, 290.842



89, 10.099, 291.016



72, 6.944, 309.335



35, 5.722, 291.145



17, 92.503, 306.288



1, 15.385, 290.305

Previews

White Background



This preview shows how the CIELCh color 75, 6.452, 109.554 looks on a white background.

Color Contrast Check

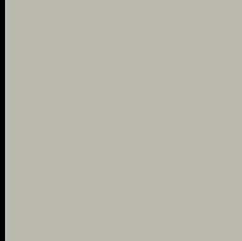
Large Text (above 18pt) WCAG AA × Fail

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, 6.452, 109.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

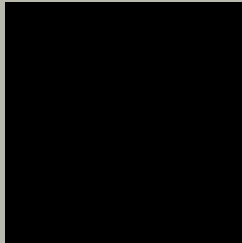
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

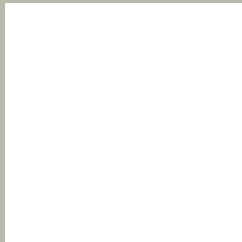
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.452, 109.554

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.452, 109.554.



This preview shows how white text looks on a background with the CIELCh color 75, 6.452, 109.554.

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, 6.452, 109.554

Protanopia

75, 6.477, 85.201

Deuteranopia

75, 10.921, 28.701



Tritanopia
75, 8.020, 309.368

Trichromacy



Original Color
75, 6.452, 109.554

Protanomaly
75, 6.616, 96.219

Deuteranomaly
75, 7.873, 48.330

Tritanomaly
75, 3.296, 324.512

Monochromacy



Original Color
75, 6.452, 109.554

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.684, 109.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.452, 109.554 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(185, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 173)  
}
```

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(185, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.452, 109.554 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(185, 185, 173) }
```

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

```
.border{ border-color:rgb(185, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 185, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 185, 173); box-shadow:4px 4px 4px 4px rgb(185, 185, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.452, 109.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 173) }
```

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

```
.background{ background-color: rgb(185,  
185, 173) }
```

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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