

Converting Colors

CIELCh(73, 2.768, 90.559)

Have a look what the booklet for
CIELCh(73, 2.768, 90.559) contains.

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Color

CIELCh(73, 2.797, 94.221)

Conversions

Conversions Part 1

Format	Color
Hex	B5B3AE
RGB	181, 179, 174
RGB Percent	71%, 70%, 68%
CMY	0.2899, 0.2977, 0.3173
CMYK	0.00, 0.01, 0.04, 0.29
HSL	43°, 5%, 70%
HSV	43°, 4%, 71%
XYZ	42.8583, 45.1644, 46.5430
YIQ	179.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

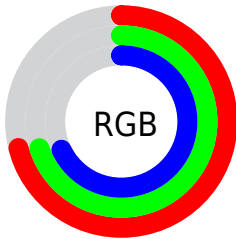
Format	Color
RYB	177, 181, 174
Decimal	11908014
CIELab	73.00, -0.21, 2.79
CIElCh	73, 2.797, 94.221
Yxy	45.1644, 0.3185, 0.3356
Android (android.graphics.Color)	4290098094 (0xFFB5B3AE)
YUV	179.0280, -2.4788, 1.7294
Hunter-Lab	67.2044, -3.7729, 5.9814

Details

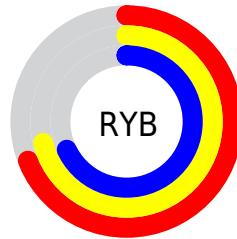
The CIELCh color $73, 2.797, 94.221$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 2.817, 275.313$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 3.154, 96.770$, and $53, 2.434, 90.501$ is the 20% darker color. If you saturate the color by 10%, you get $71, 10.138, 93.095$, and if you desaturate by 10%, it is $75, 4.424, 275.534$.

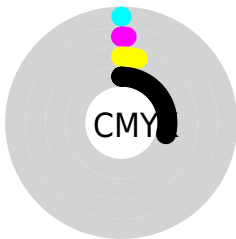
Distribution



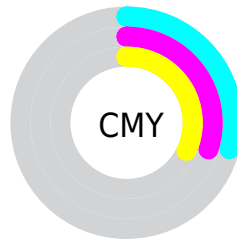
- Red (71%)
- Green (70%)
- Blue (68%)



- Red (69%)
- Yellow (71%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 2.797, 94.221 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 73, 2.797, 94.221 by changing the saturation by 10% instead.

 73, 2.797, 94.221  73, 2.797, 94.221

 100, 2.797, 94.221  63, 2.797, 94.221

 93, 2.797, 94.221  53, 2.797, 94.221

 43, 2.797, 94.221

 33, 2.797, 94.221

 23, 2.797, 94.221

 13, 2.797, 94.221

 3, 2.797, 94.221

 0, 2.797, 94.221

 73, 2.797, 94.221  73, 2.797, 94.221

71, 10.138, 93.095

75, 4.424, 275.534

69, 17.584, 91.851

77, 11.529,
276.624

68, 25.110, 90.565

79, 18.521,
277.685

66, 32.661, 89.242

64, 40.127, 87.882

81, 25.405,
278.697

63, 47.308, 86.473

82, 27.325,
276.466

61, 53.856, 84.985

60, 59.231, 83.352

84, 25.114,
270.737

59, 62.757, 81.456

85, 23.194,
264.044

86, 21.635,
256.335

88, 20.510,
247.679

Harmonies

Complementary

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



73, 2.797, 94.221



72, 2.817, 275.313

Rectangle

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



73, 2.797, 94.221



73, 2.797, 144.221



73, 2.797, 274.221



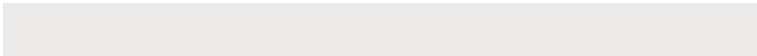
73, 2.797, 324.221

Sweetspot

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



73, 2.798, 94.255



93, 0.884, 94.395



72, 2.885, 356.158



49, 0.502, 94.386



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



73, 2.798, 94.255



92, 4.474, 94.127



73, 3.821, 117.740



38, 2.494, 94.069



50, 57.468, 80.509



7, 10.185, 85.667

Inverse Universe

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



72, 2.817, 275.313



90, 4.499, 275.449



71, 3.867, 298.252



37, 2.507, 275.511



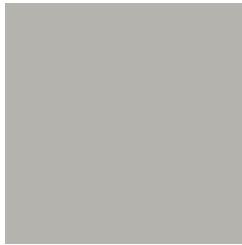
24, 71.725, 298.619



2, 12.286, 279.993

Previews

White Background



This preview shows how the CIELCh color 73, 2.797, 94.221 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 73, 2.797, 94.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

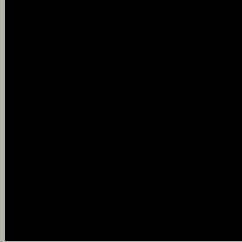
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

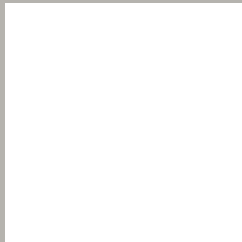
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 2.797, 94.221

Background



This preview shows how black text looks on a background with the CIELCh color 73, 2.797, 94.221.

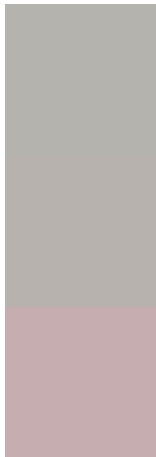


This preview shows how white text looks on a background with the CIELCh color 73, 2.797, 94.221.

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


73, 2.797, 94.221

Protanopia

73, 3.123, 63.217

Deuteranopia

73, 9.635, 13.769



Tritanopia
73, 8.060, 309.376

Trichromacy



Original Color
73, 2.797, 94.221

Protanomaly
73, 2.859, 68.492

Deuteranomaly
73, 6.478, 19.879

Tritanomaly
73, 4.253, 316.299

Monochromacy



Original Color
73, 2.797, 94.221

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.135, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 2.797, 94.221 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(181, 179, 174)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 174)  
}
```

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(181, 179, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 2.797, 94.221 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(181, 179, 174) }
```

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

```
.border{ border-color:rgb(181, 179, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 174);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 2.797, 94.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 174) }
```

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

```
.background{ background-color: rgb(181,  
179, 174) }
```

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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