

Converting Colors

CIELCh(73, 6.380, 30.948)

Have a look what the booklet for
CIELCh(73, 6.380, 30.948) contains.

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Color

CIELCh(73, 6.328, 34.640)

Conversions

Conversions Part 1

Format	Color
Hex	C0B0AD
RGB	192, 176, 173
RGB Percent	75%, 69%, 68%
CMY	0.2478, 0.3105, 0.3223
CMYK	0.00, 0.08, 0.10, 0.25
HSL	9°, 13%, 71%
HSV	9°, 10%, 75%
XYZ	44.6990, 45.1644, 45.7986
YIQ	180.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

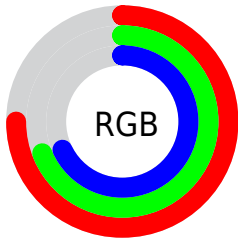
Format	Color
RYB	192, 177, 173
Decimal	12628141
CIELab	73.00, 5.21, 3.60
CIELCh	73, 6.328, 34.640
Yxy	45.1644, 0.3295, 0.3329
Android (android.graphics.Color)	4290818221 (0xFFC0B0AD)
YUV	180.4420, -3.6689, 10.1364
Hunter-Lab	67.2044, 1.1160, 6.6381

Details

The CIELCh color $73, 6.328, 34.640$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.941, 214.909$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.138, 39.217$, and $53, 5.994, 36.638$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.254, 34.825$, and if you desaturate by 10%, it is $78, 0.062, 223.450$.

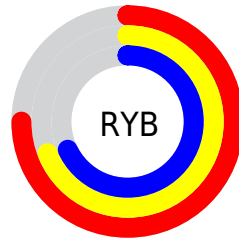
Distribution



Red (75%)

Green (69%)

Blue (68%)



Red (75%)

Yellow (69%)

Blue (68%)

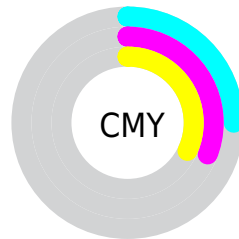


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.328, 34.640 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, 6.328, 34.640 by changing the saturation by 10% instead.

 73, 6.328, 34.640

 73, 6.328, 34.640

 100, 6.328, 34.640

 63, 6.328, 34.640

 93, 6.328, 34.640

 53, 6.328, 34.640

 43, 6.328, 34.640

 33, 6.328, 34.640

 23, 6.328, 34.640

 13, 6.328, 34.640

 3, 6.328, 34.640

 0, 6.328, 34.640

 73, 6.328, 34.640

 73, 6.328, 34.640

68, 13.254, 34.825

78, 0.062, 223.450

64, 20.761, 35.113

82, 5.960, 214.906

60, 28.869, 35.587

87, 11.422,
215.006

56, 37.564, 36.300

92, 16.499,
215.180

52, 46.773, 37.294

48, 56.322, 38.577

96, 20.568,
198.152

45, 65.848, 40.055

43, 74.546, 41.384

41, 81.404, 42.280

Harmonies

Complementary

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



73, 6.328, 34.640



75, 5.941, 214.909

Rectangle

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



73, 6.328, 34.640



73, 6.328, 84.640



73, 6.328, 214.640



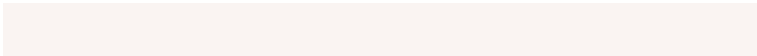
73, 6.328, 264.640

Sweetspot

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



73, 6.327, 34.659



96, 2.310, 34.446



73, 11.289, 329.404



51, 1.757, 34.506



99, 0.012, 296.813



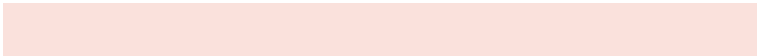
52, 0.007, 296.813

Same Dimension

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



73, 6.327, 34.659



91, 9.595, 34.692



75, 7.089, 88.507



38, 3.645, 34.651



35, 71.071, 42.485



4, 12.695, 28.984

Inverse Universe

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



75, 5.941, 214.909



95, 8.870, 214.929



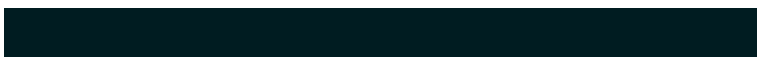
73, 7.072, 271.101



40, 3.434, 214.906



52, 30.828, 226.049



8, 10.621, 219.580

Previews

White Background



This preview shows how the CIELCh color 73, 6.328, 34.640 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 73, 6.328, 34.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

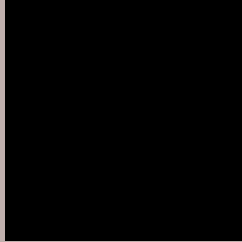
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 6.328, 34.640

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.328, 34.640.



This preview shows how white text looks on a background with the CIELCh color 73, 6.328, 34.640.

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, 6.328, 34.640

Protanopia

73, 3.123, 63.217

Deuteranopia

73, 10.006, 20.217



Tritanopia
73, 10.293, 337.084

Trichromacy



Original Color
73, 6.328, 34.640

Protanomaly
73, 4.121, 42.744

Deuteranomaly
73, 8.464, 23.714

Tritanomaly
73, 7.778, 350.895

Monochromacy



Original Color
73, 6.328, 34.640

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.317, 32.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.328, 34.640 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(192, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 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(192, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.328, 34.640 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(192, 176, 173) }
```

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

```
.border{ border-color:rgb(192, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.328, 34.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 173) }
```

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

```
.background{ background-color: rgb(192,  
176, 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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