

Converting Colors

CIELCh(74, 19.887, 117.291)

Have a look what the booklet for
CIELCh(74, 19.887, 117.291)
contains.

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Color

CIELCh(74, 20.100, 117.309)

Conversions

Conversions Part 1

Format	Color
Hex	B2BA95
RGB	178, 186, 149
RGB Percent	70%, 73%, 58%
CMY	0.3023, 0.2709, 0.4160
CMYK	0.04, 0.00, 0.20, 0.27
HSL	73°, 21%, 66%
HSV	73°, 20%, 73%
XYZ	41.2997, 46.7039, 35.2372
YIQ	179.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

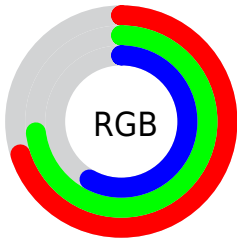
Format	Color
RYB	149, 186, 157
Decimal	11713173
CIELab	74.00, -9.22, 17.86
CIELCh	74, 20.100, 117.309
Yxy	46.7039, 0.3351, 0.3790
Android (android.graphics.Color)	4289903253 (0xFFB2BA95)
YUV	179.3900, -14.9823, -1.2190
Hunter-Lab	68.3403, -11.7237, 17.2674

Details

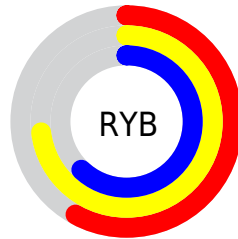
The CIELCh color **74, 20.100, 117.309** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 20.957, 300.092**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.160, 117.097**, and **54, 20.205, 117.437** is the 20% darker color. If you saturate the color by 10%, you get **73, 30.056, 116.647**, and if you desaturate by 10%, it is **75, 10.022, 117.979**.

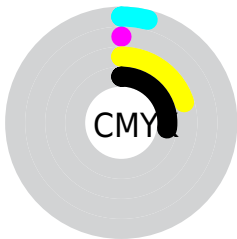
Distribution



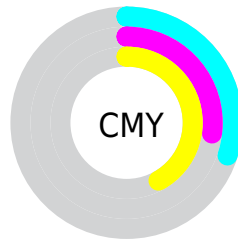
- Red (70%)
- Green (73%)
- Blue (58%)



- Red (58%)
- Yellow (73%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)





- Cyan (30%)
- Magenta (27%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.100, 117.309 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 74, 20.100, 117.309 by changing the saturation by 10% instead.


 74, 20.100,
117.309


 74, 20.100,
117.309


 100, 20.100,
117.309


 64, 20.100,
117.309


 94, 20.100,
117.309

 54, 20.100,
117.309

 44, 20.100,
117.309

 34, 20.100,
117.309

 24, 20.100,
117.309

 14, 20.100,
117.309

 4, 20.100, 117.309

■ 0, 20.100, 117.309

■ 74, 20.100,
117.309

■ 74, 20.100,
117.309

■ 73, 30.056,
116.647

■ 75, 10.022,
117.979

■ 73, 39.776,
116.004

■ 75, 0.109, 298.475

■ 72, 49.098,
115.419

■ 76, 10.242,
299.250

■ 72, 57.776,
114.941

■ 77, 20.339,
299.845

■ 71, 65.461,
114.639

■ 78, 30.375,
300.406

■ 71, 71.711,
114.603

■ 79, 37.460,
301.364

■ 71, 76.095,
114.926

■ 79, 37.656,
303.348

■ 70, 78.725,
115.591

■ 80, 37.894,
305.330

■ 70, 78.750,
115.598

■ 80, 38.174,
307.302

Harmonies

Complementary

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



74, 20.100, 117.309



63, 20.957, 300.092

Rectangle

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



74, 20.100, 117.309



74, 20.100, 167.309



74, 20.100, 297.309



74, 20.100, 347.309

Sweetspot

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



74, 20.102, 117.313



95, 7.529, 118.229



67, 12.575, 39.164



51, 5.035, 118.186



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 20.102, 117.313



93, 30.003, 117.012



73, 22.383, 134.843



39, 5.676, 118.016



60, 68.976, 115.440



9, 15.701, 121.809

Inverse Universe

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



63, 20.957, 300.092



78, 31.601, 300.484



65, 22.719, 316.565



36, 5.791, 299.257



19, 90.796, 307.498



1, 15.499, 296.533

Previews

White Background



This preview shows how the CIELCh color 74, 20.100, 117.309 looks on a white background.

Color Contrast Check

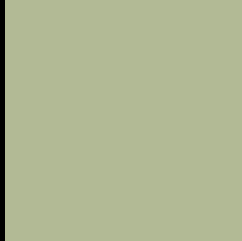
Large Text (above 18pt) WCAG AA × Fail

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 74, 20.100, 117.309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

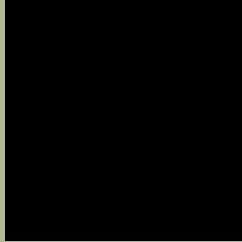
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

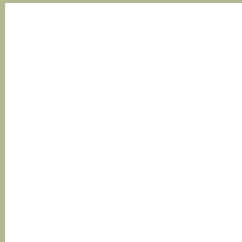
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.100, 117.309

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.100, 117.309.



This preview shows how white text looks on a background with the CIELCh color 74, 20.100, 117.309.

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


74, 20.100, 117.309

Protanopia

74, 18.930, 93.607

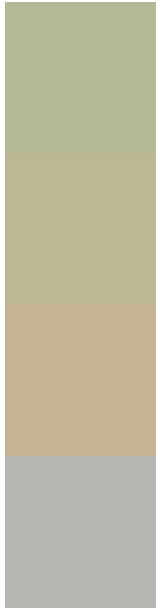
Deuteranopia

74, 19.347, 61.818



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 20.100, 117.309

Protanomaly
74, 18.903, 102.280

Deuteranomaly
74, 17.440, 82.660

Tritanomaly
74, 2.152, 109.943

Monochromacy



Original Color
74, 20.100, 117.309

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.651, 118.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.100, 117.309 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, 186, 149)` looks like.

```
.text, #text, p{  
    color:rgb(178, 186, 149)  
}
```

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, 186, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 186, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.100, 117.309 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, 186, 149) }
```

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

```
.border{ border-color:rgb(178, 186, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 186, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 186, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 186, 149);  
box-shadow:4px 4px 4px 4px rgb(178, 186,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.100, 117.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 186, 149) }
```

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

```
.background{ background-color: rgb(178,  
186, 149) }
```

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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