

Converting Colors

CIELCh(83, 31.524, 73.608)

Have a look what the booklet for
CIELCh(83, 31.524, 73.608) contains.

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Color

CIELCh(83, 31.746, 73.324)

Conversions

Conversions Part 1

Format	Color
Hex	F3C796
RGB	243, 199, 150
RGB Percent	95%, 78%, 59%
CMY	0.0467, 0.2192, 0.4114
CMYK	0.00, 0.18, 0.38, 0.05
HSL	32°, 80%, 77%
HSV	32°, 38%, 95%
XYZ	62.9494, 62.1629, 37.5704
YIQ	206.5700, 41.9530, -5.9110

Conversions

Conversions Part 2

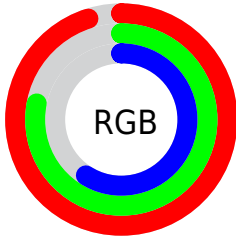
Format	Color
RYB	234, 243, 150
Decimal	15976342
CIELab	83.00, 9.11, 30.41
CIElCh	83, 31.746, 73.324
Yxy	62.1629, 0.3869, 0.3821
Android (android.graphics.Color)	4294166422 (0xFFFF3C796)
YUV	206.5700, -27.8890, 31.9491
Hunter-Lab	78.8435, 4.5400, 26.9376

Details

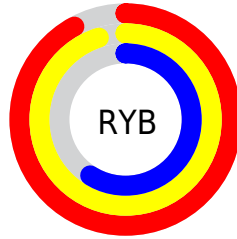
The CIELCh color **83, 31.746, 73.324** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 28.985, 264.900**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **63, 31.475, 73.113** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.864, 71.988**, and if you desaturate by 10%, it is **86, 22.953, 74.649**.

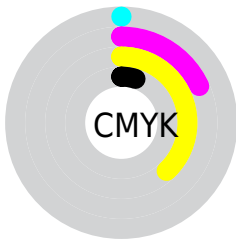
Distribution



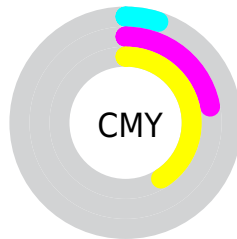
- Red (95%)
- Green (78%)
- Blue (59%)



- Red (92%)
- Yellow (95%)
- Blue (59%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 31.746, 73.324 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 83, 31.746, 73.324 by changing the saturation by 10% instead.

 83, 31.746, 73.324

 83, 31.746, 73.324

 100, 31.746,
73.324

 73, 31.746, 73.324

 63, 31.746, 73.324

 53, 31.746, 73.324

 43, 31.746, 73.324

 33, 31.746, 73.324

 23, 31.746, 73.324

 13, 31.746, 73.324

 3, 31.746, 73.324

 0, 31.746, 73.324

83, 31.746, 73.324

83, 31.746, 73.324

80, 40.864, 71.988

86, 22.953, 74.649

77, 50.205, 70.608

90, 14.514, 75.942

74, 59.533, 69.145

93, 6.425, 77.185

71, 68.356, 67.492

96, 1.337, 258.795

68, 75.796, 65.427

99, 4.110, 199.306

66, 80.832, 62.654

65, 81.610, 62.161

Harmonies

Complementary

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



83, 31.746, 73.324



77, 28.985, 264.900

Rectangle

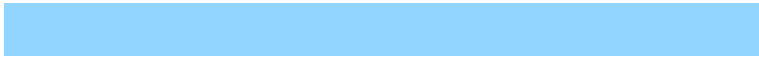
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83, 31.746, 73.324



83, 31.746, 123.324



83, 31.746, 253.324



83, 31.746, 303.324

Sweetspot

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



83, 31.746, 73.330



96, 8.949, 76.850



73, 41.641, 348.441



51, 6.030, 76.682



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 31.746, 73.330



84, 40.321, 72.277



94, 46.748, 107.228



49, 4.458, 77.038



51, 66.608, 62.835



15, 24.660, 64.241

Inverse Universe

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



77, 28.985, 264.900



77, 36.084, 266.874



66, 51.605, 295.788



49, 4.377, 259.598



39, 60.170, 286.627



10, 23.256, 279.573

Previews

White Background



This preview shows how the CIELCh color 83, 31.746, 73.324 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 83, 31.746, 73.324 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 83, 31.746, 73.324

Background



This preview shows how black text looks on a background with the CIELCh color 83, 31.746, 73.324.



This preview shows how white text looks on a background with the CIELCh color 83, 31.746, 73.324.

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

83, 31.746, 73.324

Protanopia

83, 28.909, 95.635

Deuteranopia

83, 32.108, 71.079



Tritanopia
83, 22.488, 2.262

Trichromacy



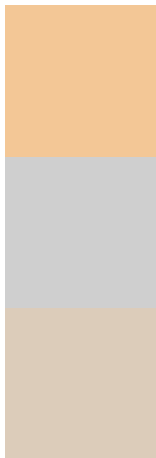
Original Color
83, 31.746, 73.324

Protanomaly
83, 29.330, 86.712

Deuteranomaly
83, 31.847, 71.658

Tritanomaly
83, 20.793, 33.931

Monochromacy



Original Color
83, 31.746, 73.324

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 11.278, 76.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 31.746, 73.324 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(243, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(243, 199, 150)  
}
```

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(243, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 199, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 31.746, 73.324 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(243, 199, 150) }
```

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

```
.border{ border-color:rgb(243, 199, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 199, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(243, 199,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 31.746, 73.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 199, 150) }
```

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

```
.background{ background-color: rgb(243,  
199, 150) }
```

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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