

Converting Colors

CIELCh(81, 17.555, 95.953)

Have a look what the booklet for
CIELCh(81, 17.555, 95.953) contains.

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Color

CIELCh(81, 17.345, 95.646)

Conversions

Conversions Part 1

Format	Color
Hex	D3C9A9
RGB	211, 201, 169
RGB Percent	83%, 79%, 66%
CMY	0.1726, 0.2118, 0.3373
CMYK	0.00, 0.05, 0.20, 0.17
HSL	46°, 32%, 75%
HSV	46°, 20%, 83%
XYZ	54.8973, 58.4711, 45.9171
YIQ	200.3420, 16.2320, -7.8320

Conversions

Conversions Part 2

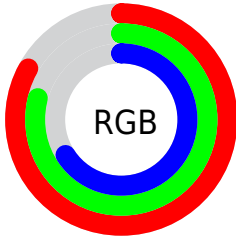
Format	Color
RYB	182, 211, 169
Decimal	13879721
CIELab	81.00, -1.71, 17.26
CIELCh	81, 17.345, 95.646
Yxy	58.4711, 0.3446, 0.3671
Android (android.graphics.Color)	4292069801 (0xFFD3C9A9)
YUV	200.3420, -15.4516, 9.3471
Hunter-Lab	76.4664, -5.6661, 17.9236

Details

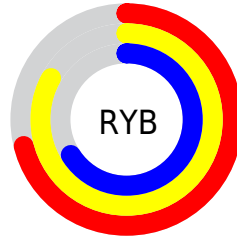
The CIELCh color $81, 17.345, 95.646$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $73, 17.618, 280.693$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 15.682, 108.992$, and $61, 17.192, 95.578$ is the 20% darker color. If you saturate the color by 10%, you get $79, 26.170, 94.415$, and if you desaturate by 10%, it is $83, 8.582, 96.848$.

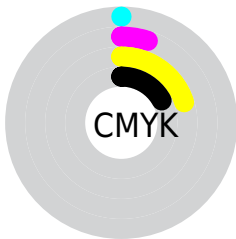
Distribution



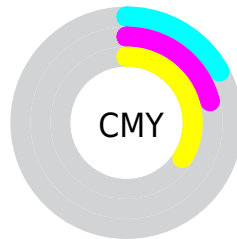
- Red (83%)
- Green (79%)
- Blue (66%)



- Red (71%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.345, 95.646 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 81, 17.345, 95.646 by changing the saturation by 10% instead.

 81, 17.345, 95.646

 81, 17.345, 95.646

 100, 17.345,
95.646

 71, 17.345, 95.646

 61, 17.345, 95.646

 51, 17.345, 95.646

 41, 17.345, 95.646

 31, 17.345, 95.646

 21, 17.345, 95.646

 11, 17.345, 95.646

 1, 17.345, 95.646

 0, 17.345, 95.646

81, 17.345, 95.646

81, 17.345, 95.646

79, 26.170, 94.415

83, 8.582, 96.848

78, 34.991, 93.145

85, 0.090, 280.108

76, 43.691, 91.848

86, 8.657, 279.178

75, 52.060, 90.522

88, 17.113,
280.240

73, 59.741, 89.155

90, 15.731,
272.782

72, 66.174, 87.712

91, 13.921,
262.410

70, 70.633, 86.124

69, 72.884, 84.331

92, 12.679,
249.594

69, 72.903, 84.314

93, 12.167,
234.984

95, 12.464,

Harmonies

Complementary

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



81, 17.345, 95.646



73, 17.618, 280.693

Rectangle

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



81, 17.345, 95.646



81, 17.345, 145.646



81, 17.345, 275.646



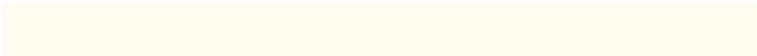
81, 17.345, 325.646

Sweetspot

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



81, 17.346, 95.653



99, 6.044, 97.287



73, 17.008, 1.542



53, 4.011, 97.213



0, 0.000, 0.000



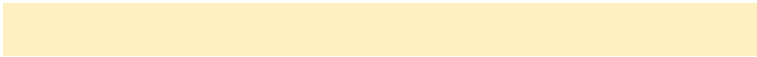
53, 0.007, 296.813

Same Dimension

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



81, 17.346, 95.653



95, 24.440, 95.119



83, 22.383, 118.664



43, 4.878, 96.907



56, 61.694, 84.652



12, 18.260, 88.274

Inverse Universe

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



73, 17.618, 280.693



84, 24.913, 281.390



71, 23.313, 301.301



41, 4.920, 279.202



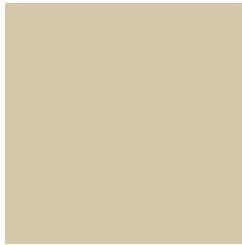
25, 81.503, 300.879



3, 21.414, 286.785

Previews

White Background



This preview shows how the CIELCh color 81, 17.345, 95.646 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 81, 17.345, 95.646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

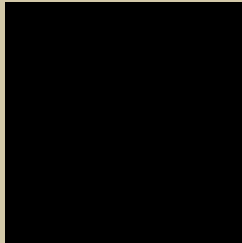
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.345, 95.646

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.345, 95.646.



This preview shows how white text looks on a background with the CIELCh color 81, 17.345, 95.646.

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

81, 17.345, 95.646

Protanopia

81, 17.438, 94.388

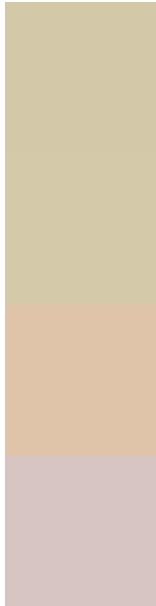
Deuteranopia

81, 19.484, 58.621



Tritanopia
81, 11.084, 334.339

Trichromacy



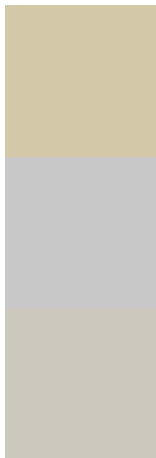
Original Color
81, 17.345, 95.646

Protanomaly
81, 17.438, 94.388

Deuteranomaly
81, 17.715, 70.452

Tritanomaly
81, 6.433, 29.259

Monochromacy



Original Color
81, 17.345, 95.646

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.003, 95.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.345, 95.646 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(211, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 169)  
}
```

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(211, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.345, 95.646 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(211, 201, 169) }
```

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

```
.border{ border-color:rgb(211, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.345, 95.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 169) }
```

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

```
.background{ background-color: rgb(211,  
201, 169) }
```

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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