

Converting Colors

CIELCh(83, 24.756, 95.065)

Have a look what the booklet for
CIELCh(83, 24.756, 95.065) contains.

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Color

CIELCh(83, 24.778, 95.051)

Conversions

Conversions Part 1

Format	Color
Hex	DCCEA0
RGB	220, 206, 160
RGB Percent	86%, 81%, 63%
CMY	0.1357, 0.1906, 0.3711
CMYK	0.00, 0.06, 0.27, 0.14
HSL	46°, 46%, 75%
HSV	46°, 27%, 86%
XYZ	58.1825, 62.1629, 42.3642
YIQ	204.9420, 23.1100, -11.3380

Conversions

Conversions Part 2

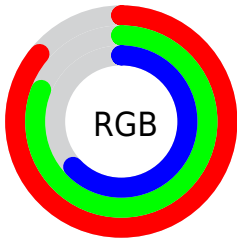
Format	Color
RYB	178, 220, 160
Decimal	14470816
CIELab	83.00, -2.18, 24.68
CIELCh	83, 24.778, 95.051
Yxy	62.1629, 0.3576, 0.3820
Android (android.graphics.Color)	4292660896 (0xFFDCCEA0)
YUV	204.9420, -22.1564, 13.2059
Hunter-Lab	78.8435, -6.2522, 23.3327

Details

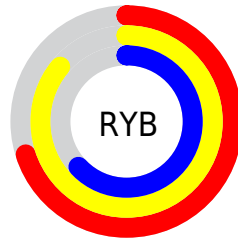
The CIELCh color **83, 24.778, 95.051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **72, 25.361, 282.197**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **63, 24.904, 95.546** is the 20% darker color. If you saturate the color by 10%, you get **81, 33.960, 93.797**, and if you desaturate by 10%, it is **85, 15.611, 96.283**.

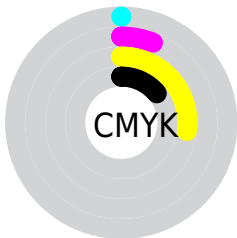
Distribution



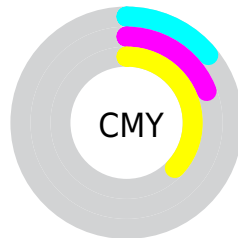
- Red (86%)
- Green (81%)
- Blue (63%)



- Red (70%)
- Yellow (86%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (27%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.778, 95.051 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, 24.778, 95.051 by changing the saturation by 10% instead.

 83, 24.778, 95.051

 83, 24.778, 95.051

 100, 24.778,
95.051

 73, 24.778, 95.051

 63, 24.778, 95.051

 53, 24.778, 95.051

 43, 24.778, 95.051

 33, 24.778, 95.051

 23, 24.778, 95.051

 13, 24.778, 95.051

 3, 24.778, 95.051

 0, 24.778, 95.051

83, 24.778, 95.051

83, 24.778, 95.051

81, 33.960, 93.797

85, 15.611, 96.283

80, 43.046, 92.509

87, 6.512, 97.461

78, 51.847, 91.196

88, 2.490, 278.719

77, 60.033, 89.848

90, 11.383,
279.767

75, 67.075, 88.441

92, 12.397,
272.595

74, 72.248, 86.915

93, 10.653,
258.713

72, 74.925, 85.181

72, 75.444, 84.683

94, 9.725, 241.027

96, 9.830, 221.912

97, 10.924,
205.039

Harmonies

Complementary

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



83, 24.778, 95.051



72, 25.361, 282.197

Rectangle

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



83, 24.778, 95.051



83, 24.778, 145.051



83, 24.778, 275.051



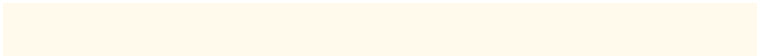
83, 24.778, 325.051

Sweetspot

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



83, 24.779, 95.057



98, 8.112, 97.366



72, 24.342, 3.722



52, 5.771, 97.191



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, 24.779, 95.057



93, 33.856, 94.299



85, 31.708, 118.873



45, 5.098, 97.209



58, 63.163, 85.022



14, 21.116, 88.217

Inverse Universe

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



72, 25.361, 282.197



78, 34.884, 283.297



69, 33.547, 302.490



43, 5.144, 279.507



26, 83.986, 301.128



4, 24.890, 289.178

Previews

White Background



This preview shows how the CIELCh color 83, 24.778, 95.051 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, 24.778, 95.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

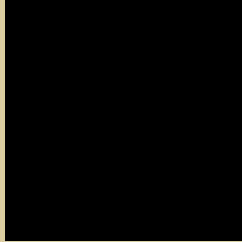
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 24.778, 95.051

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.778, 95.051.

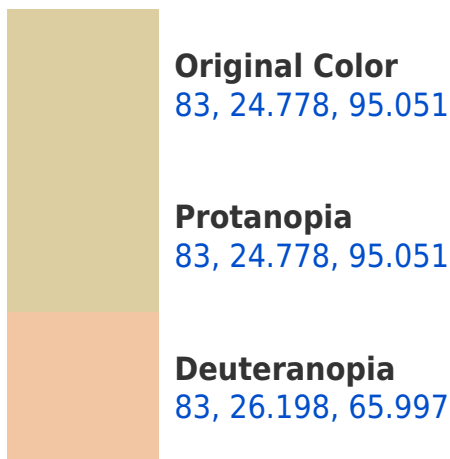


This preview shows how white text looks on a background with the CIELCh color 83, 24.778, 95.051.

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](#).

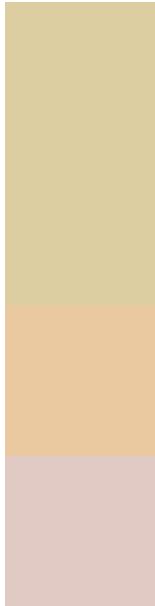
Dichromacy





Tritanopia
83, 13.267, 340.938

Trichromacy



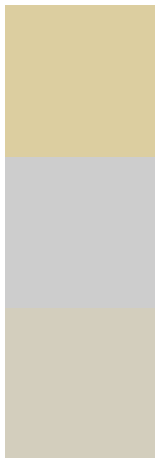
Original Color
83, 24.778, 95.051

Protanomaly
83, 24.778, 95.051

Deuteranomaly
83, 25.019, 76.365

Tritanomaly
83, 9.421, 42.905

Monochromacy



Original Color
83, 24.778, 95.051

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 9.138, 97.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.778, 95.051 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(220, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(220, 206, 160)  
}
```

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(220, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 206, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.778, 95.051 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(220, 206, 160) }
```

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

```
.border{ border-color:rgb(220, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 206, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 206, 160);  
box-shadow:4px 4px 4px 4px rgb(220, 206,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.778, 95.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 206, 160) }
```

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

```
.background{ background-color: rgb(220,  
206, 160) }
```

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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