

Converting Colors

CIELCh(82, 25.845, 95.417)

Have a look what the booklet for
CIELCh(82, 25.845, 95.417) contains.

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Color

CIELCh(82, 25.842, 95.411)

Conversions

Conversions Part 1

Format	Color
Hex	DACC9C
RGB	218, 204, 156
RGB Percent	85%, 80%, 61%
CMY	0.1463, 0.2011, 0.3893
CMYK	0.00, 0.06, 0.28, 0.15
HSL	46°, 45%, 73%
HSV	46°, 28%, 85%
XYZ	56.3254, 60.2982, 39.9992
YIQ	202.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

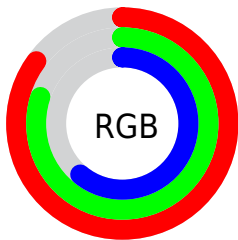
Format	Color
RYB	174, 218, 156
Decimal	14339228
CIELab	82.00, -2.44, 25.73
CIELCh	82, 25.842, 95.411
Yxy	60.2982, 0.3596, 0.3850
Android (android.graphics.Color)	4292529308 (0xFFDACC9C)
YUV	202.7140, -23.0300, 13.4058
Hunter-Lab	77.6519, -6.4144, 23.8155

Details

The CIELCh color **82, 25.842, 95.411** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 26.537, 282.877**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **62, 26.031, 95.831** is the 20% darker color. If you saturate the color by 10%, you get **80, 34.978, 94.163**, and if you desaturate by 10%, it is **84, 16.702, 96.638**.

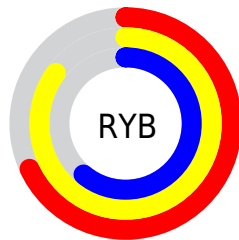
Distribution



Red (85%)

Green (80%)

Blue (61%)



Red (68%)

Yellow (85%)

Blue (61%)

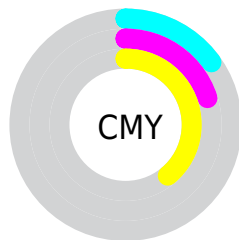


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 25.842, 95.411 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 82, 25.842, 95.411 by changing the saturation by 10% instead.

 82, 25.842, 95.411

 82, 25.842, 95.411

 100, 25.842,
95.411

 72, 25.842, 95.411

 62, 25.842, 95.411

 52, 25.842, 95.411

 42, 25.842, 95.411

 32, 25.842, 95.411

 22, 25.842, 95.411

 12, 25.842, 95.411

 2, 25.842, 95.411

 0, 25.842, 95.411

82, 25.842, 95.411

82, 25.842, 95.411

80, 34.978, 94.163

84, 16.702, 96.638

79, 43.990, 92.885

85, 7.617, 97.816

77, 52.673, 91.583

87, 1.381, 279.124

76, 60.679, 90.250

89, 10.275,
280.115

74, 67.455, 88.859

91, 14.234,
276.871

73, 72.277, 87.354

72, 74.674, 85.657

92, 12.305,
266.091

72, 74.963, 85.393

93, 10.947,
252.115

94, 10.375,
235.573

96, 10.702,

Harmonies

Complementary

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



82, 25.842, 95.411



70, 26.537, 282.877

Rectangle

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



82, 25.842, 95.411



82, 25.842, 145.411



82, 25.842, 275.411



82, 25.842, 325.411

Sweetspot

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



82, 25.843, 95.416



98, 9.206, 97.746



70, 25.253, 3.892



52, 6.403, 97.577



0, 0.000, 0.000



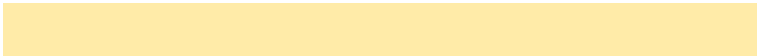
53, 0.007, 296.813

Same Dimension

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



82, 25.843, 95.416



93, 35.133, 94.689



84, 32.795, 118.798



45, 5.139, 97.705



58, 63.343, 85.703



14, 21.262, 88.882

Inverse Universe

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



70, 26.537, 282.877



77, 36.335, 283.952



68, 34.796, 302.594



43, 5.189, 279.989



25, 84.769, 301.417



4, 25.044, 289.406

Previews

White Background



This preview shows how the CIELCh color 82, 25.842, 95.411 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 82, 25.842, 95.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

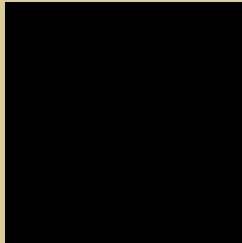
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 25.842, 95.411

Background



This preview shows how black text looks on a background with the CIELCh color 82, 25.842, 95.411.



This preview shows how white text looks on a background with the CIELCh color 82, 25.842, 95.411.

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


82, 25.842, 95.411

Protanopia

82, 25.842, 95.411

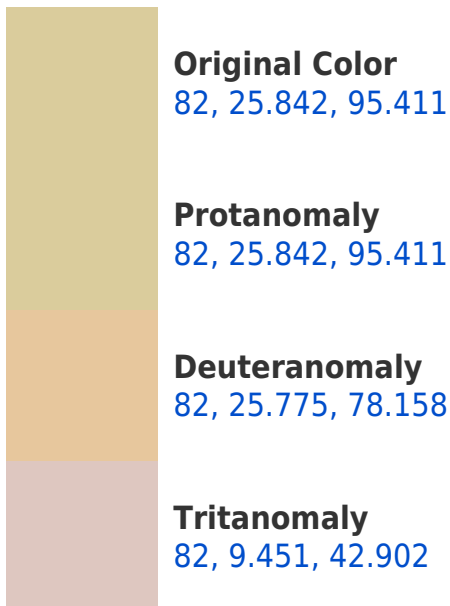
Deuteranopia

82, 27.227, 68.577



Tritanopia
82, 13.302, 340.952

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 25.842, 95.411 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(218, 204, 156)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 156)  
}
```

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(218, 204, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 25.842, 95.411 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(218, 204, 156) }
```

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

```
.border{ border-color:rgb(218, 204, 156) }
```

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

Here you see how a box with a 4 pixel rgb(218, 204, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 156);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 25.842, 95.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 156) }
```

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

```
.background{ background-color: rgb(218,  
204, 156) }
```

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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