

Converting Colors

CIELCh(82, 9.226, 58.649)

Have a look what the booklet for
CIELCh(82, 9.226, 58.649) contains.

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Color

CIELCh(82, 9.257, 58.529)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8BD
RGB	219, 200, 189
RGB Percent	86%, 78%, 74%
CMY	0.1396, 0.2142, 0.2573
CMYK	0.00, 0.09, 0.14, 0.14
HSL	22°, 30%, 80%
HSV	22°, 14%, 86%
XYZ	59.3013, 60.2982, 56.8742
YIQ	204.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

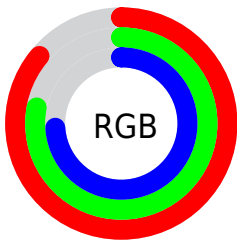
Format	Color
RYB	219, 206, 189
Decimal	14403773
CIELab	82.00, 4.83, 7.90
CIElCh	82, 9.257, 58.529
Yxy	60.2982, 0.3360, 0.3417
Android (android.graphics.Color)	4292593853 (0xFFDBC8BD)
YUV	204.4270, -7.6055, 12.7805
Hunter-Lab	77.6519, 0.4262, 10.9308

Details

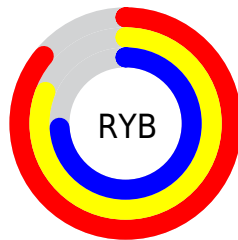
The CIELCh color **82, 9.257, 58.529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 8.685, 241.344**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **62, 9.208, 57.153** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.585, 57.696**, and if you desaturate by 10%, it is **86, 2.405, 59.296**.

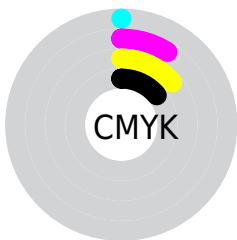
Distribution



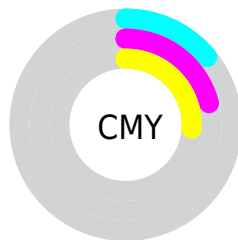
- Red (86%)
- Green (78%)
- Blue (74%)



- Red (86%)
- Yellow (81%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 9.257, 58.529 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, 9.257, 58.529 by changing the saturation by 10% instead.



82, 9.257, 58.529

82, 9.257, 58.529

78, 16.585, 57.696

86, 2.405, 59.296

74, 24.431, 56.879

90, 4.019, 240.550

70, 32.819, 56.119

94, 9.999, 240.937

67, 41.740, 55.423

98, 12.000,
198.704

63, 51.107, 54.777

60, 60.682, 54.114

57, 69.909, 53.252

54, 77.699, 51.800

53, 81.683, 50.615

Harmonies

Complementary

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



82, 9.257, 58.529



83, 8.685, 241.344

Rectangle

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



82, 9.257, 58.529



82, 9.257, 108.529



82, 9.257, 238.529



82, 9.257, 288.529

Sweetspot

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



82, 9.257, 58.545



98, 2.958, 59.282



80, 14.957, 338.103



52, 2.108, 59.243



0, 0.000, 0.000



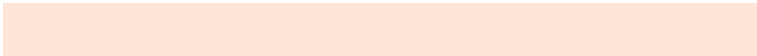
53, 0.007, 296.813

Same Dimension

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



82, 9.257, 58.545



93, 12.336, 58.336



86, 13.656, 102.647



44, 3.785, 58.901



42, 68.151, 51.215



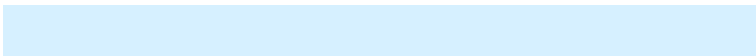
9, 18.973, 45.086

Inverse Universe

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



83, 8.685, 241.344



93, 11.428, 241.642



79, 13.955, 285.750



44, 3.629, 240.875



44, 41.179, 267.238



10, 14.782, 256.539

Previews

White Background



This preview shows how the CIELCh color 82, 9.257, 58.529 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 CIE LCh color 82, 9.257, 58.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

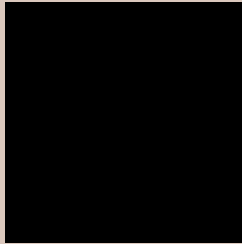
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 9.257, 58.529

Background



This preview shows how black text looks on a background with the CIELCh color 82, 9.257, 58.529.



This preview shows how white text looks on a background with the CIELCh color 82, 9.257, 58.529.

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, 9.257, 58.529

Protanopia

82, 6.995, 84.179

Deuteranopia

82, 12.768, 36.989



Tritanopia
82, 12.121, 339.459

Trichromacy



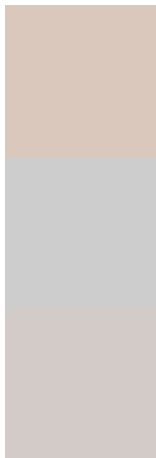
Original Color
82, 9.257, 58.529

Protanomaly
82, 7.773, 74.004

Deuteranomaly
82, 11.476, 41.609

Tritanomaly
82, 9.083, 359.673

Monochromacy



Original Color
82, 9.257, 58.529

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.322, 58.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 9.257, 58.529 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(219, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 189)  
}
```

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(219, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 9.257, 58.529 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(219, 200, 189) }
```

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

```
.border{ border-color:rgb(219, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 9.257, 58.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 189) }
```

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

```
.background{ background-color: rgb(219,  
200, 189) }
```

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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