

Converting Colors

CIELCh(82, 12.057, 63.702)

Have a look what the booklet for
CIELCh(82, 12.057, 63.702) contains.

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Color

CIELCh(82, 11.960, 64.545)

Conversions

Conversions Part 1

Format	Color
Hex	DEC8B8
RGB	222, 200, 184
RGB Percent	87%, 78%, 72%
CMY	0.1294, 0.2157, 0.2784
CMYK	0.00, 0.10, 0.17, 0.13
HSL	25°, 37%, 80%
HSV	25°, 17%, 87%
XYZ	59.4295, 60.2982, 53.8535
YIQ	204.7540, 18.2480, -0.3120

Conversions

Conversions Part 2

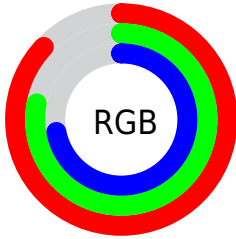
Format	Color
RYB	222, 212, 184
Decimal	14600376
CIELab	82.00, 5.14, 10.80
CIELCh	82, 11.960, 64.545
Yxy	60.2982, 0.3424, 0.3474
Android (android.graphics.Color)	4292790456 (0xFFDEC8B8)
YUV	204.7540, -10.2317, 15.1247
Hunter-Lab	77.6519, 0.7209, 13.2373

Details

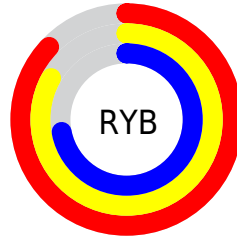
The CIELCh color **82, 11.960, 64.545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 11.187, 248.634**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.593, 109.599**, and **62, 12.081, 63.625** is the 20% darker color. If you saturate the color by 10%, you get **78, 19.535, 63.510**, and if you desaturate by 10%, it is **86, 4.825, 65.575**.

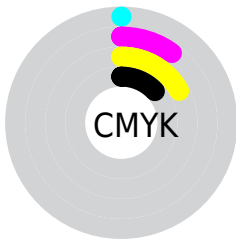
Distribution



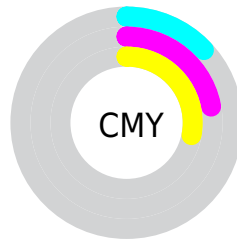
- Red (87%)
- Green (78%)
- Blue (72%)



- Red (87%)
- Yellow (83%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 11.960, 64.545 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, 11.960, 64.545 by changing the saturation by 10% instead.

82, 11.960, 64.545

82, 11.960, 64.545

100, 11.960,
64.545

72, 11.960, 64.545

62, 11.960, 64.545

52, 11.960, 64.545

42, 11.960, 64.545

32, 11.960, 64.545

22, 11.960, 64.545

12, 11.960, 64.545

2, 11.960, 64.545

0, 11.960, 64.545

82, 11.960, 64.545

82, 11.960, 64.545

78, 19.535, 63.510

86, 4.825, 65.575

75, 27.579, 62.477

90, 1.910, 246.989

71, 36.099, 61.470

93, 8.289, 247.866

68, 45.052, 60.486

97, 10.061,
209.425

65, 54.294, 59.489

98, 11.153,
198.761

62, 63.475, 58.379

59, 71.863, 56.924

56, 78.310, 54.731

56, 79.992, 54.097

Harmonies

Complementary

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



82, 11.960, 64.545



82, 11.187, 248.634

Rectangle

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



82, 11.960, 64.545



82, 11.960, 114.545



82, 11.960, 244.545



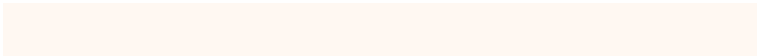
82, 11.960, 294.545

Sweetspot

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



82, 11.960, 64.558



98, 3.769, 65.758



79, 18.302, 340.761



52, 2.577, 65.699



0, 0.000, 0.000



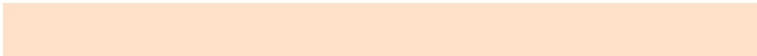
53, 0.007, 296.813

Same Dimension

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



82, 11.960, 64.558



91, 16.622, 64.134



87, 18.151, 104.817



45, 3.911, 65.348



44, 66.924, 54.720



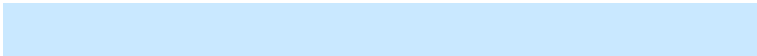
10, 19.865, 51.535

Inverse Universe

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



82, 11.187, 248.634



91, 15.273, 249.247



77, 18.745, 288.602



45, 3.780, 247.614



42, 46.425, 274.979



9, 16.658, 265.073

Previews

White Background



This preview shows how the CIELCh color 82, 11.960, 64.545 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, 11.960, 64.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

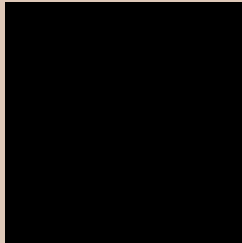
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

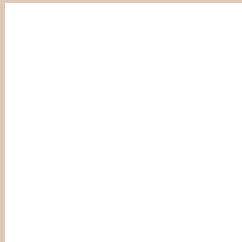
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 11.960, 64.545

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.960, 64.545.

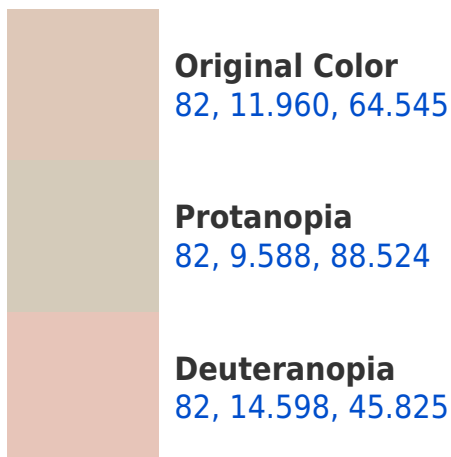


This preview shows how white text looks on a background with the CIELCh color 82, 11.960, 64.545.

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
82, 13.571, 344.753

Trichromacy



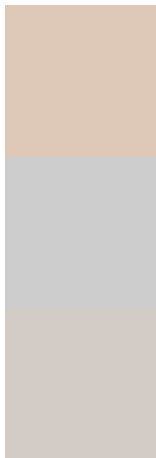
Original Color
82, 11.960, 64.545

Protanomaly
82, 10.436, 78.623

Deuteranomaly
82, 13.462, 50.603

Tritanomaly
82, 10.645, 8.792

Monochromacy



Original Color
82, 11.960, 64.545

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.323, 66.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.960, 64.545 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(222, 200, 184)` looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 184)  
}
```

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(222, 200, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.960, 64.545 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(222, 200, 184) }
```

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

```
.border{ border-color:rgb(222, 200, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 200, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 200, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 200, 184);  
box-shadow:4px 4px 4px 4px rgb(222, 200,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.960, 64.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 184) }
```

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

```
.background{ background-color: rgb(222,  
200, 184) }
```

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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