

Converting Colors

CIELCh(82, 2.550, 90.969)

Have a look what the booklet for
CIELCh(82, 2.550, 90.969) contains.

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Color

CIELCh(82, 2.728, 94.265)

Conversions

Conversions Part 1

Format	Color
Hex	CECCC7
RGB	206, 204, 199
RGB Percent	81%, 80%, 78%
CMY	0.1929, 0.2008, 0.2204
CMYK	0.00, 0.01, 0.03, 0.19
HSL	43°, 7%, 79%
HSV	43°, 3%, 81%
XYZ	57.2291, 60.2982, 62.5340
YIQ	204.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

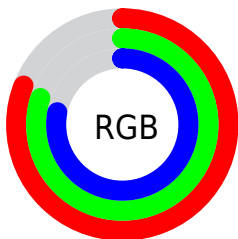
Format	Color
R _Y B	202, 206, 199
Decimal	13552839
CIE Lab	82.00, -0.20, 2.72
CIE LCh	82, 2.728, 94.265
Yxy	60.2982, 0.3178, 0.3349
Android (android.graphics.Color)	4291742919 (0xFFCECC7)
YUV	204.0280, -2.4788, 1.7294
Hunter-Lab	77.6519, -4.3372, 6.6094

Details

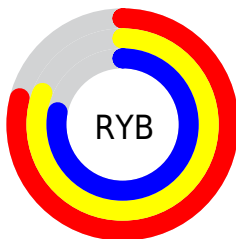
The CIELCh color **82, 2.728, 94.265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 2.750, 275.273**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 2.891, 94.151** is the 20% darker color. If you saturate the color by 10%, you get **80, 10.870, 93.143**, and if you desaturate by 10%, it is **84, 5.280, 275.595**.

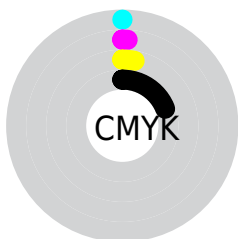
Distribution



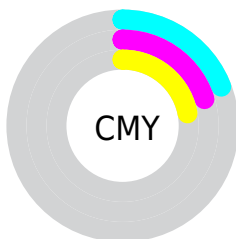
- Red (81%)
- Green (80%)
- Blue (78%)



- Red (79%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 2.728, 94.265 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, 2.728, 94.265 by changing the saturation by 10% instead.

 82, 2.728, 94.265	 82, 2.728, 94.265
 100, 2.728, 94.265	 72, 2.728, 94.265
	 62, 2.728, 94.265
	 52, 2.728, 94.265
	 42, 2.728, 94.265
	 32, 2.728, 94.265
	 22, 2.728, 94.265
	 12, 2.728, 94.265
	 2, 2.728, 94.265
	 0, 2.728, 94.265

82, 2.728, 94.265

82, 2.728, 94.265

80, 10.870, 93.143

84, 5.280, 275.595

78, 19.130, 91.889

86, 13.158,
276.695

76, 27.481, 90.593

88, 18.141,
275.133

74, 35.861, 89.259

72, 44.147, 87.887

90, 15.883,
264.815

71, 52.113, 86.466

91, 14.280,
251.777

69, 59.367, 84.964

67, 65.294, 83.313

93, 13.549,
236.563

66, 69.134, 81.389

94, 13.812,
220.926

96, 14.998,
206.913

■ 97, 16.314,
198.422

Harmonies

Complementary

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



82, 2.728, 94.265



81, 2.750, 275.273

Rectangle

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



82, 2.728, 94.265



82, 2.728, 144.265



82, 2.728, 274.265



82, 2.728, 324.265

Sweetspot

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



82, 2.729, 94.304



100, 0.946, 94.401



81, 2.813, 356.098



53, 0.537, 94.393



0, 0.000, 0.000



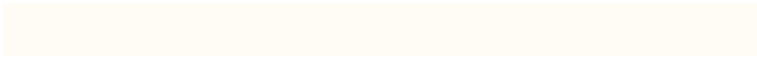
53, 0.007, 296.813

Same Dimension

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



82, 2.729, 94.304



99, 3.825, 94.238



82, 3.728, 117.770



43, 2.265, 94.170



53, 60.199, 80.382



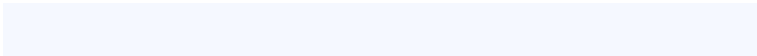
11, 16.054, 83.906

Inverse Universe

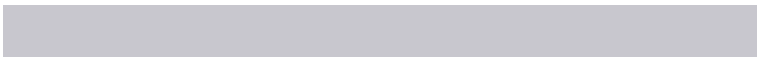
The Inverse Universe completely reimagines the original color for something new.



81, 2.750, 275.273



97, 3.849, 275.342



80, 3.772, 298.222



42, 2.278, 275.414



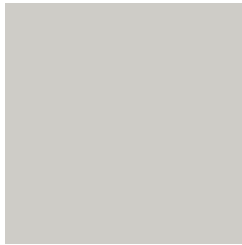
26, 75.558, 298.796



3, 18.986, 284.046

Previews

White Background



This preview shows how the CIELCh color 82, 2.728, 94.265 looks on a white background.

Color Contrast Check

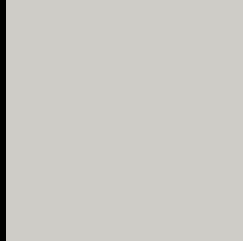
Large Text (above 18pt) WCAG AA × Fail

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, 2.728, 94.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

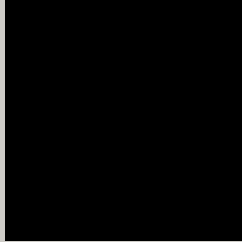
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

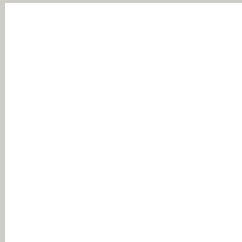
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 2.728, 94.265

Background



This preview shows how black text looks on a background with the CIELCh color 82, 2.728, 94.265.

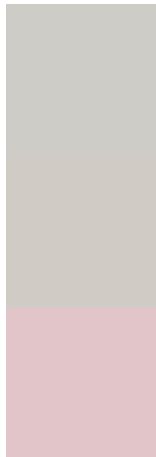


This preview shows how white text looks on a background with the CIELCh color 82, 2.728, 94.265.

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, 2.728, 94.265

Protanopia

82, 3.431, 69.619

Deuteranopia

82, 10.571, 11.603



Tritanopia
82, 8.996, 309.381

Trichromacy



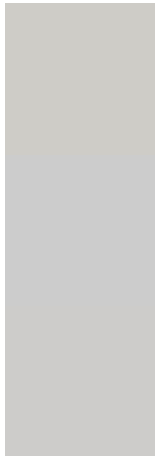
Original Color
82, 2.728, 94.265

Protanomaly
82, 3.205, 74.722

Deuteranomaly
82, 7.077, 15.607

Tritanomaly
82, 4.793, 317.413

Monochromacy



Original Color
82, 2.728, 94.265

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.106, 90.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 2.728, 94.265 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(206, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 199)  
}
```

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(206, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 2.728, 94.265 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(206, 204, 199) }
```

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

```
.border{ border-color:rgb(206, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 2.728, 94.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 199) }
```

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

```
.background{ background-color: rgb(206,  
204, 199) }
```

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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