

Converting Colors

CIELCh(82, 41.014, 79.076)

Have a look what the booklet for
CIELCh(82, 41.014, 79.076) contains.

CIELCh(82, 41.204, 79.537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(82, 41.204, 79.537)

Conversions

Conversions Part 1

Format	Color
Hex	F2C580
RGB	242, 197, 128
RGB Percent	95%, 77%, 50%
CMY	0.0514, 0.2278, 0.4984
CMYK	0.00, 0.19, 0.47, 0.05
HSL	36°, 81%, 73%
HSV	36°, 47%, 95%
XYZ	60.4116, 60.2982, 28.8429
YIQ	202.5890, 48.9690, -11.9190

Conversions

Conversions Part 2

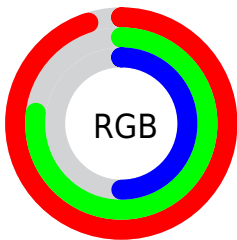
Format	Color
R_{YB}	202, 242, 128
Decimal	15910272
CIE _{Lab}	82.00, 7.48, 40.52
CIE _{LCh}	82, 41.204, 79.537
Yxy	60.2982, 0.4039, 0.4032
Android (android.graphics.Color)	4294100352 (0xFFFF2C580)
YUV	202.5890, -36.7724, 34.5634
Hunter-Lab	77.6519, 2.9784, 32.3338

Details

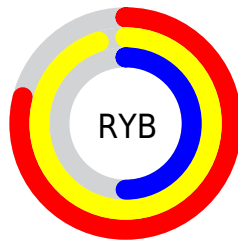
The CIELCh color **82, 41.204, 79.537** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70, 39.243, 274.672**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.195, 106.800**, and **62, 41.326, 79.091** is the 20% darker color. If you saturate the color by 10%, you get **79, 50.411, 78.071**, and if you desaturate by 10%, it is **85, 32.053, 80.960**.

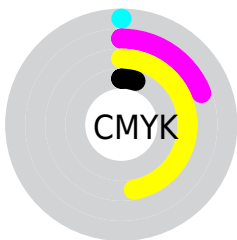
Distribution



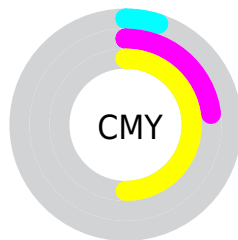
- Red (95%)
- Green (77%)
- Blue (50%)



- Red (79%)
- Yellow (95%)
- Blue (50%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 41.204, 79.537 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, 41.204, 79.537 by changing the saturation by 10% instead.

 82, 41.204, 79.537

 82, 41.204, 79.537

 100, 41.204,
79.537

 72, 41.204, 79.537

 62, 41.204, 79.537

 52, 41.204, 79.537

 42, 41.204, 79.537

 32, 41.204, 79.537

 22, 41.204, 79.537

 12, 41.204, 79.537

 2, 41.204, 79.537

 0, 41.204, 79.537

82, 41.204, 79.537

82, 41.204, 79.537

79, 50.411, 78.071

85, 32.053, 80.960

77, 59.408, 76.513

88, 23.086, 82.338

74, 67.690, 74.786

90, 14.357, 83.674

72, 74.423, 72.724

93, 5.878, 84.946

70, 78.631, 70.079

96, 2.354, 266.402

69, 79.578, 69.268

99, 4.252, 204.933

99, 4.521, 199.265

Harmonies

Complementary

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



82, 41.204, 79.537



70, 39.243, 274.672

Rectangle

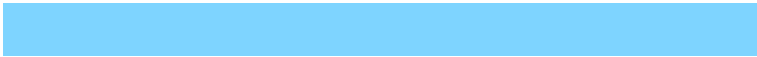
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 41.204, 79.537



82, 41.204, 129.537



82, 41.204, 259.537



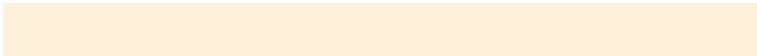
82, 41.204, 309.537

Sweetspot

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



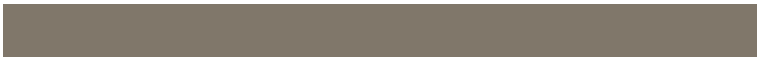
82, 41.204, 79.542



96, 12.194, 84.075



68, 48.851, 355.102



50, 8.446, 83.794



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, 41.204, 79.542



83, 52.504, 78.065



93, 56.867, 110.306



49, 4.673, 84.657



54, 64.649, 69.904



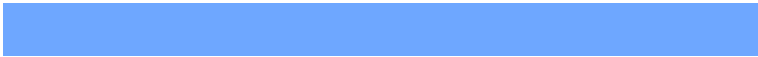
15, 23.884, 72.294

Inverse Universe

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



70, 39.243, 274.672



68, 49.747, 277.536



59, 64.496, 299.631



47, 4.639, 267.219



34, 68.900, 292.769



8, 25.681, 286.056

Previews

White Background



This preview shows how the CIELCh color 82, 41.204, 79.537 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, 41.204, 79.537 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, 41.204, 79.537

Background



This preview shows how black text looks on a background with the CIELCh color 82, 41.204, 79.537.



This preview shows how white text looks on a background with the CIELCh color 82, 41.204, 79.537.

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, 41.204, 79.537

Protanopia

82, 38.806, 95.683

Deuteranopia

82, 41.720, 75.950

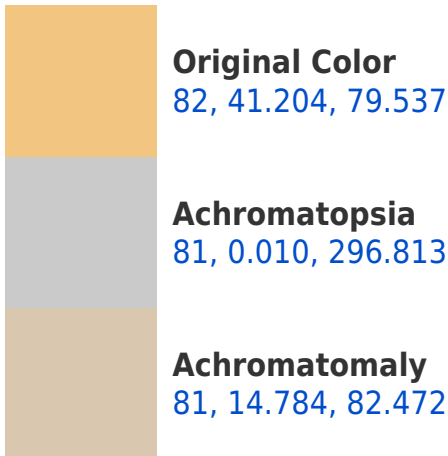


Tritanopia
82, 24.023, 3.658

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 41.204, 79.537 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(242, 197, 128)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 128)  
}
```

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(242, 197, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 41.204, 79.537 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(242, 197, 128) }
```

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

```
.border{ border-color:rgb(242, 197, 128) }
```

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

Here you see how a box with a 4 pixel rgb(242, 197, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 128);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 41.204, 79.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 128) }
```

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

```
.background{ background-color: rgb(242,  
197, 128) }
```

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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