

Converting Colors

CIELCh(79, 24.081, 37.200)

Have a look what the booklet for
CIELCh(79, 24.081, 37.200) contains.

CIELCh(79, 24.040, 36.385)	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(79, 24.040, 36.385)

Conversions

Conversions Part 1

Format	Color
Hex	F0B6AA
RGB	240, 182, 170
RGB Percent	94%, 71%, 67%
CMY	0.0585, 0.2860, 0.3331
CMYK	0.00, 0.24, 0.29, 0.06
HSL	10°, 70%, 80%
HSV	10°, 29%, 94%
XYZ	59.9656, 54.9284, 45.5068
YIQ	197.9740, 38.4200, 8.5640

Conversions

Conversions Part 2

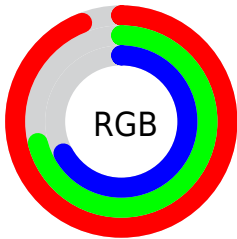
Format	Color
R _Y B	240, 184, 170
Decimal	15775402
CIE Lab	79.00, 19.35, 14.26
CIE LCh	79, 24.040, 36.385
Yxy	54.9284, 0.3738, 0.3424
Android (android.graphics.Color)	4293965482 (0xFFFF0B6AA)
YUV	197.9740, -13.7912, 36.8568
Hunter-Lab	74.1137, 14.7260, 15.4748

Details

The CIELCh color **79, 24.040, 36.385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 19.562, 217.113**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 9.095, 66.509**, and **59, 24.098, 36.379** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.665, 36.782**, and if you desaturate by 10%, it is **84, 15.141, 36.182**.

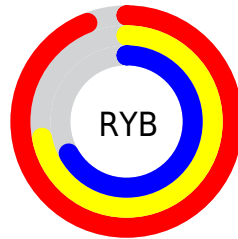
Distribution



Red (94%)

Green (71%)

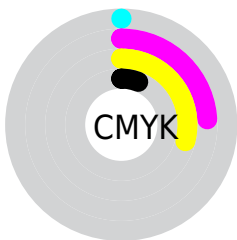
Blue (67%)



Red (94%)

Yellow (72%)

Blue (67%)

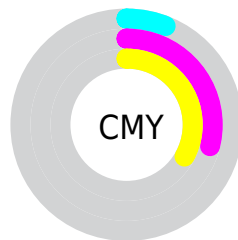


Cyan (0%)

Magenta (24%)

Yellow (29%)

Black (6%)



Cyan (6%)

Magenta (29%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 24.040, 36.385 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 79, 24.040, 36.385 by changing the saturation by 10% instead.

79, 24.040, 36.385

79, 24.040, 36.385

100, 24.040,
36.385

69, 24.040, 36.385

99, 24.040, 36.385

59, 24.040, 36.385

49, 24.040, 36.385

39, 24.040, 36.385

29, 24.040, 36.385

19, 24.040, 36.385

9, 24.040, 36.385

0, 24.040, 36.385

79, 24.040, 36.385

79, 24.040, 36.385

74, 33.665, 36.782

84, 15.141, 36.182

69, 44.009, 37.402

90, 6.941, 36.084

65, 54.989, 38.293

95, 0.614, 217.263

60, 66.402, 39.459

99, 5.137, 199.209

57, 77.796, 40.796

54, 88.163, 41.941

52, 95.792, 42.289

52, 96.364, 42.342

Harmonies

Complementary

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



79, 24.040, 36.385



87, 19.562, 217.113

Rectangle

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



79, 24.040, 36.385



79, 24.040, 86.385



79, 24.040, 216.385



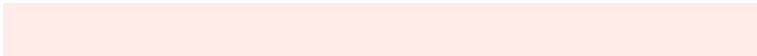
79, 24.040, 266.385

Sweetspot

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



79, 24.038, 36.392



95, 7.158, 36.083



78, 39.594, 331.209



50, 5.005, 36.096



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 24.038, 36.392



80, 31.068, 36.599



87, 25.997, 87.348



47, 4.306, 36.087



40, 78.409, 42.698



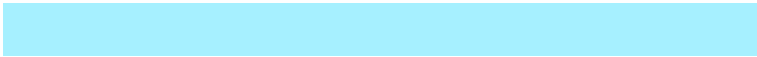
9, 26.620, 33.391

Inverse Universe

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



87, 19.562, 217.113



91, 24.072, 217.471



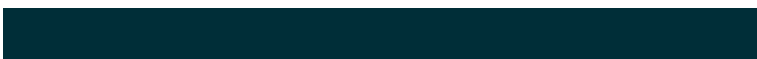
78, 25.828, 275.641



49, 4.053, 216.460



58, 34.034, 229.316



17, 14.874, 224.145

Previews

White Background



This preview shows how the CIELCh color 79, 24.040, 36.385 looks on a white background.

Color Contrast Check

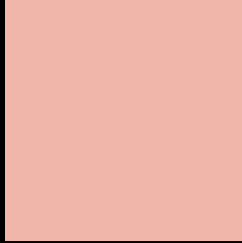
Large Text (above 18pt) WCAG AA × Fail

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 79, 24.040, 36.385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

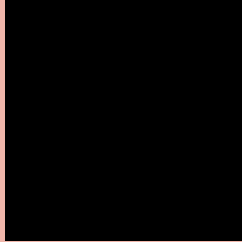
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 24.040, 36.385

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.040, 36.385.



This preview shows how white text looks on a background with the CIELCh color 79, 24.040, 36.385.

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

79, 24.040, 36.385

Protanopia

79, 10.164, 89.454

Deuteranopia

79, 17.870, 56.493



Tritanopia
79, 24.868, 5.587

Trichromacy



Original Color
79, 24.040, 36.385

Protanomaly
79, 13.578, 58.638

Deuteranomaly
79, 19.772, 47.572

Tritanomaly
79, 23.652, 16.311

Monochromacy



Original Color
79, 24.040, 36.385

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 8.220, 34.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.040, 36.385 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(240, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 170)  
}
```

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(240, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.040, 36.385 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(240, 182, 170) }
```

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

```
.border{ border-color:rgb(240, 182, 170) }
```

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

Here you see how a box with a 4 pixel rgb(240, 182, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(240, 182,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.040, 36.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 170) }
```

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

```
.background{ background-color: rgb(240,  
182, 170) }
```

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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