

Converting Colors

CIELCh(85, 20.368, 37.468)

Have a look what the booklet for
CIELCh(85, 20.368, 37.468) contains.

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Color

CIELCh(85, 20.236, 37.160)

Conversions

Conversions Part 1

Format	Color
Hex	FBC9BE
RGB	251, 201, 190
RGB Percent	98%, 79%, 75%
CMY	0.0156, 0.2117, 0.2549
CMYK	0.00, 0.20, 0.24, 0.02
HSL	11°, 88%, 86%
HSV	11°, 24%, 98%
XYZ	69.9714, 66.0070, 57.7733
YIQ	214.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

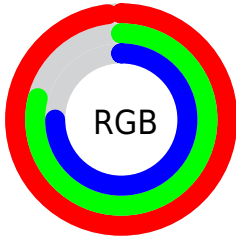
Format	Color
R _Y B	251, 203, 190
Decimal	16501182
CIE Lab	85.00, 16.13, 12.22
CIE LCh	85, 20.236, 37.160
Yxy	66.0070, 0.3611, 0.3407
Android (android.graphics.Color)	4294691262 (0xFFFB9BE)
YUV	214.6960, -12.1751, 31.8386
Hunter-Lab	81.2447, 11.5536, 14.7100

Details

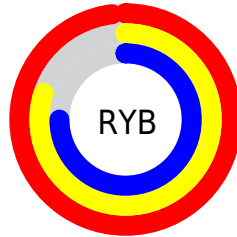
The CIELCh color **85, 20.236, 37.160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 17.113, 218.003**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **65, 20.305, 36.772** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.795, 37.412**, and if you desaturate by 10%, it is **91, 11.416, 37.072**.

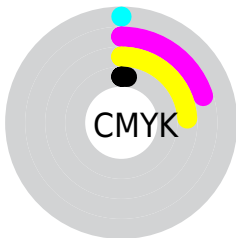
Distribution



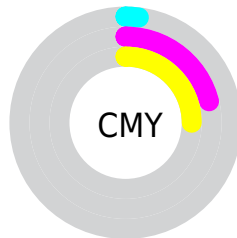
- Red (98%)
- Green (79%)
- Blue (75%)



- Red (98%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 20.236, 37.160 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 85, 20.236, 37.160 by changing the saturation by 10% instead.

 85, 20.236, 37.160

 85, 20.236, 37.160

 100, 20.236,
37.160

 75, 20.236, 37.160

 65, 20.236, 37.160

 55, 20.236, 37.160

 45, 20.236, 37.160

 35, 20.236, 37.160

 25, 20.236, 37.160

 15, 20.236, 37.160

 5, 20.236, 37.160

 0, 20.236, 37.160

85, 20.236, 37.160

85, 20.236, 37.160

80, 29.795, 37.412

91, 11.416, 37.072

75, 40.114, 37.857

96, 3.293, 36.984

70, 51.149, 38.546

100, 1.386,
199.796

65, 62.765, 39.503

61, 74.641, 40.687

58, 86.062, 41.881

56, 95.463, 42.496

54, 99.416, 42.517

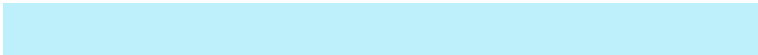
Harmonies

Complementary

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



85, 20.236, 37.160



92, 17.113, 218.003

Rectangle

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



85, 20.236, 37.160



85, 20.236, 87.160



85, 20.236, 217.160



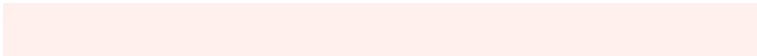
85, 20.236, 267.160

Sweetspot

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



85, 20.235, 37.168



96, 5.490, 37.037



84, 34.239, 330.897



51, 3.576, 37.042



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

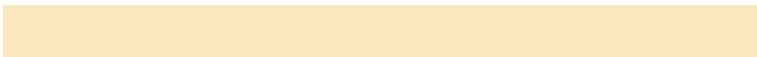
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 20.235, 37.168



84, 24.952, 37.261



92, 22.354, 87.990



49, 4.431, 37.053



41, 79.800, 42.896



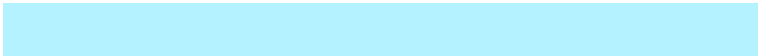
11, 29.018, 35.426

Inverse Universe

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



92, 17.113, 218.003



92, 20.334, 218.257



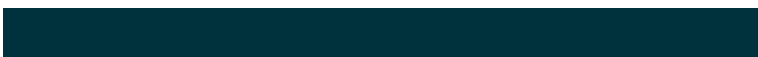
84, 22.232, 274.753



51, 4.171, 217.507



59, 34.791, 231.342



19, 15.711, 226.375

Previews

White Background



This preview shows how the CIELCh color 85, 20.236, 37.160 looks on a white background.

Color Contrast Check

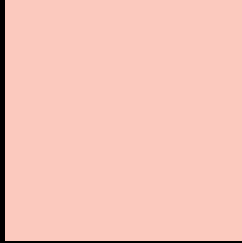
Large Text (above 18pt) WCAG AA × Fail

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 85, 20.236, 37.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

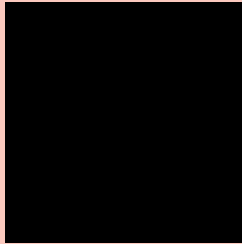
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 20.236, 37.160

Background



This preview shows how black text looks on a background with the CIELCh color 85, 20.236, 37.160.



This preview shows how white text looks on a background with the CIELCh color 85, 20.236, 37.160.

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

85, 20.236, 37.160

Protanopia

85, 8.884, 89.738

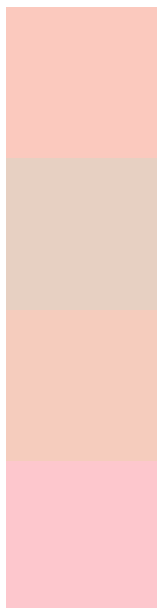
Deuteranopia

85, 16.607, 50.382



Tritanopia
85, 22.150, 0.542

Trichromacy



Original Color
85, 20.236, 37.160

Protanomaly
85, 11.410, 59.701

Deuteranomaly
85, 17.745, 46.503

Tritanomaly
85, 20.529, 12.286

Monochromacy



Original Color
85, 20.236, 37.160

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.979, 37.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 20.236, 37.160 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(251, 201, 190)` looks like.

```
.text, #text, p{  
    color:rgb(251, 201, 190)  
}
```

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(251, 201, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 201, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 20.236, 37.160 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(251, 201, 190) }
```

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

```
.border{ border-color:rgb(251, 201, 190) }
```

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

Here you see how a box with a 4 pixel rgb(251, 201, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 201, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 201, 190);  
box-shadow:4px 4px 4px 4px rgb(251, 201,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 20.236, 37.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 201, 190) }
```

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

```
.background{ background-color: rgb(251,  
201, 190) }
```

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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