

Converting Colors

CIELCh(85, 23.128, 52.911)

Have a look what the booklet for
CIELCh(85, 23.128, 52.911) contains.

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Color

CIELCh(85, 23.240, 52.986)

Conversions

Conversions Part 1

Format	Color
Hex	FBCAB2
RGB	251, 202, 178
RGB Percent	98%, 79%, 70%
CMY	0.0154, 0.2076, 0.3017
CMYK	0.00, 0.20, 0.29, 0.02
HSL	20°, 90%, 84%
HSV	20°, 29%, 98%
XYZ	68.9828, 66.0070, 51.2555
YIQ	213.9150, 36.9080, 2.9240

Conversions

Conversions Part 2

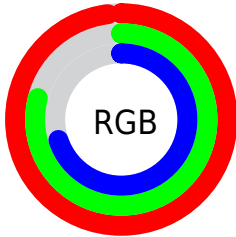
Format	Color
R _Y B	251, 214, 178
Decimal	16501426
CIE Lab	85.00, 13.99, 18.56
CIE LCh	85, 23.240, 52.986
Yxy	66.0070, 0.3704, 0.3544
Android (android.graphics.Color)	4294691506 (0xFFFBCAB2)
YUV	213.9150, -17.7061, 32.5235
Hunter-Lab	81.2447, 9.3815, 19.4666

Details

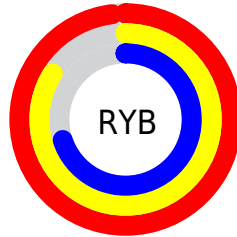
The CIELCh color **85, 23.240, 52.986** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 19.696, 238.417**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.630, 109.373**, and **65, 23.197, 53.670** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.440, 52.403**, and if you desaturate by 10%, it is **90, 14.685, 53.657**.

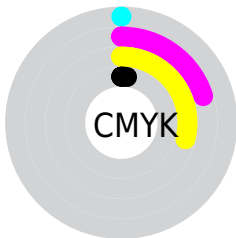
Distribution



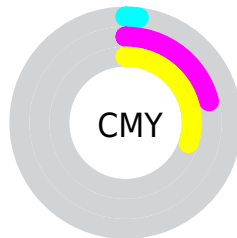
- Red (98%)
- Green (79%)
- Blue (70%)



- Red (98%)
- Yellow (84%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (21%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 23.240, 52.986 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, 23.240, 52.986 by changing the saturation by 10% instead.

 85, 23.240, 52.986

 85, 23.240, 52.986

 100, 23.240,
52.986

 75, 23.240, 52.986

 65, 23.240, 52.986

 55, 23.240, 52.986

 45, 23.240, 52.986

 35, 23.240, 52.986

 25, 23.240, 52.986

 15, 23.240, 52.986

 5, 23.240, 52.986

 0, 23.240, 52.986

85, 23.240, 52.986

85, 23.240, 52.986

81, 32.440, 52.403

90, 14.685, 53.657

76, 42.301, 51.904

94, 6.735, 54.349

72, 52.773, 51.501

99, 0.667, 236.086

68, 63.682, 51.157

100, 1.367,
199.803

65, 74.583, 50.749

62, 84.498, 49.961

59, 91.993, 48.357

59, 92.632, 48.223

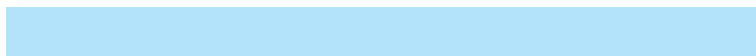
Harmonies

Complementary

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



85, 23.240, 52.986



88, 19.696, 238.417

Rectangle

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



85, 23.240, 52.986



85, 23.240, 102.986



85, 23.240, 232.986



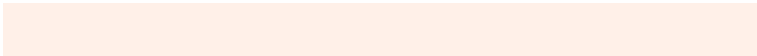
85, 23.240, 282.986

Sweetspot

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



85, 23.239, 52.994



96, 6.761, 54.353



81, 36.925, 337.130



50, 4.723, 54.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

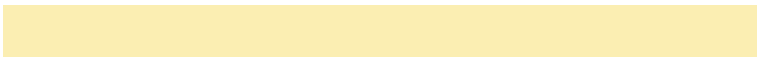
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 23.239, 52.994



83, 28.975, 52.632



94, 30.859, 98.010



50, 4.208, 54.321



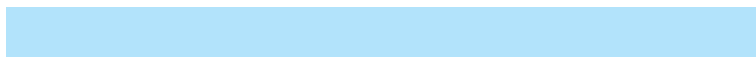
45, 74.265, 48.834



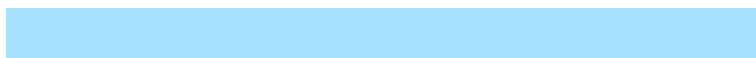
13, 26.967, 45.617

Inverse Universe

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



88, 19.696, 238.417



87, 23.610, 239.385



78, 32.056, 285.466



50, 4.011, 236.060



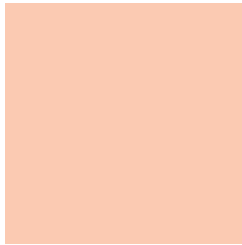
50, 41.023, 261.383



15, 17.341, 253.812

Previews

White Background



This preview shows how the CIELCh color 85, 23.240, 52.986 looks on a white background.

Color Contrast Check

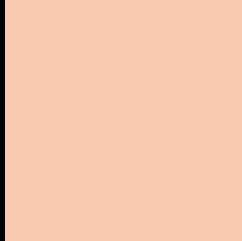
Large Text (above 18pt) WCAG AA × Fail

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 85, 23.240, 52.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

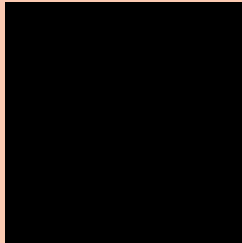
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 23.240, 52.986

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.240, 52.986.



This preview shows how white text looks on a background with the CIELCh color 85, 23.240, 52.986.

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, 23.240, 52.986

Protanopia

85, 15.744, 93.312

Deuteranopia

85, 21.255, 59.770



Tritanopia
85, 22.877, 1.299

Trichromacy



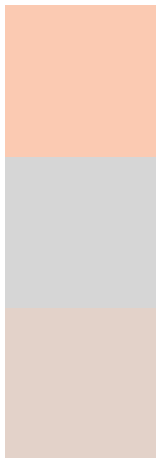
Original Color
85, 23.240, 52.986

Protanomaly
85, 17.207, 74.638

Deuteranomaly
85, 21.879, 56.824

Tritanomaly
85, 20.893, 19.596

Monochromacy



Original Color
85, 23.240, 52.986

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 7.897, 56.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.240, 52.986 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, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(251, 202, 178)  
}
```

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, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 202, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.240, 52.986 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, 202, 178) }
```

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

```
.border{ border-color:rgb(251, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 202, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 202, 178); box-shadow:4px 4px 4px 4px rgb(251, 202, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.240, 52.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 202, 178) }
```

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

```
.background{ background-color: rgb(251,  
202, 178) }
```

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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