

Converting Colors

CIELCh(81, 46.556, 22.306)

Have a look what the booklet for
CIELCh(81, 46.556, 22.306) contains.

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Color

CIELCh(77, 34.529, 20.764)

Conversions

Conversions Part 1

Format	Color
Hex	FEA7A9
RGB	254, 167, 169
RGB Percent	100%, 65%, 66%
CMY	0.0045, 0.3452, 0.3373
CMYK	0.00, 0.34, 0.33, 0.00
HSL	359°, 97%, 83%
HSV	359°, 34%, 100%
XYZ	61.7929, 51.5317, 44.2147
YIQ	193.2410, 51.2100, 19.0660

Conversions

Conversions Part 2

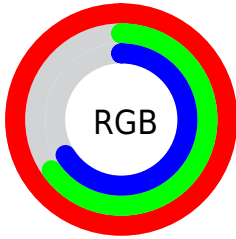
Format	Color
RYB	254, 167, 169
Decimal	16689065
CIELab	77.00, 32.29, 12.24
CIELCh	77, 34.529, 20.764
Yxy	51.5317, 0.3922, 0.3271
Android (android.graphics.Color)	4294879145 (0xFFFEA7A9)
YUV	193.2410, -11.9508, 53.2856
Hunter-Lab	71.7856, 28.0275, 13.7316

Details

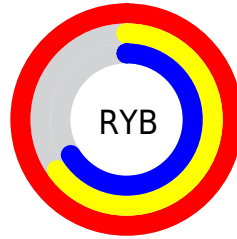
The CIELCh color **77, 34.529, 20.764** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 27.434, 195.534**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.730, 17.684**, and **57, 34.464, 20.789** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.058, 22.422**, and if you desaturate by 10%, it is **83, 23.583, 19.490**.

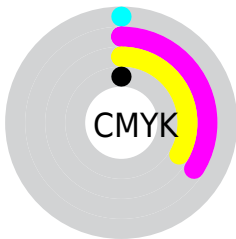
Distribution



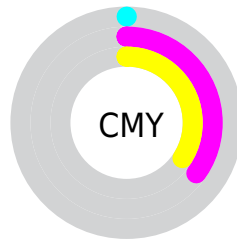
- Red (100%)
- Green (65%)
- Blue (66%)



- Red (100%)
- Yellow (65%)
- Blue (66%)



- Cyan (0%)
- Magenta (34%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.529, 20.764 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 77, 34.529, 20.764 by changing the saturation by 10% instead.

77, 34.529, 20.764

77, 34.529, 20.764

100, 34.529,
20.764

67, 34.529, 20.764

97, 34.529, 20.764

57, 34.529, 20.764

47, 34.529, 20.764

37, 34.529, 20.764

27, 34.529, 20.764

17, 34.529, 20.764

7, 34.529, 20.764

0, 34.529, 20.764

77, 34.529, 20.764

77, 34.529, 20.764

71, 46.058, 22.422

83, 23.583, 19.490

66, 57.960, 24.568

90, 13.336, 18.485

61, 69.900, 27.320

97, 3.814, 17.590

57, 81.441, 30.716

100, 0.396,
201.054

55, 91.975, 34.549

53, 100.257,
38.053

53, 103.313,
39.363

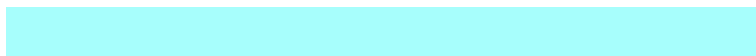
Harmonies

Complementary

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



77, 34.529, 20.764



94, 27.434, 195.534

Rectangle

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



77, 34.529, 20.764



77, 34.529, 70.764



77, 34.529, 200.764



77, 34.529, 250.764

Sweetspot

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



77, 34.526, 20.768



93, 9.256, 18.114



79, 53.846, 325.336



49, 6.349, 18.235



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 34.526, 20.768



73, 42.437, 21.842



86, 28.439, 67.629



49, 5.253, 18.072



40, 83.198, 39.097



10, 33.176, 26.254

Inverse Universe

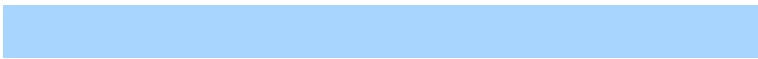
The Inverse Universe completely reimagines the original color for something new.



77, 34.526, 20.768



73, 42.437, 21.842



83, 25.273, 257.254



49, 5.253, 18.072



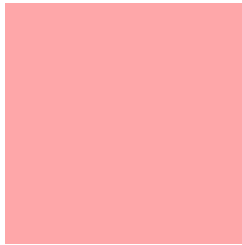
40, 83.198, 39.097



10, 33.176, 26.254

Previews

White Background



This preview shows how the CIELCh color 77, 34.529, 20.764 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 77, 34.529, 20.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

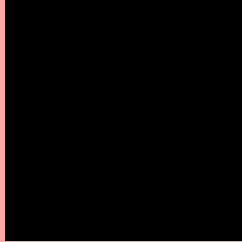
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 34.529, 20.764

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.529, 20.764.



This preview shows how white text looks on a background with the CIELCh color 77, 34.529, 20.764.

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

77, 34.570, 20.782

Protanopia

77, 5.302, 84.407

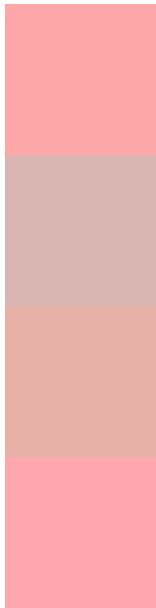
Deuteranopia

77, 16.661, 53.127



Tritanopia
77, 35.143, 12.356

Trichromacy



Original Color
77, 34.570, 20.782

Protanomaly
77, 13.833, 31.527

Deuteranomaly
77, 22.228, 34.871

Tritanomaly
77, 35.135, 14.936

Monochromacy



Original Color
77, 34.570, 20.782

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 11.825, 20.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.529, 20.764 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(254, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(254, 167, 169)  
}
```

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(254, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 167, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.529, 20.764 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(254, 167, 169) }
```

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

```
.border{ border-color:rgb(254, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(254, 167,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.529, 20.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 167, 169) }
```

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

```
.background{ background-color: rgb(254,  
167, 169) }
```

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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