

Converting Colors

CIELCh(80, 35.056, 23.396)

Have a look what the booklet for
CIELCh(80, 35.056, 23.396) contains.

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Color

CIELCh(79, 31.653, 23.062)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFAE
RGB	255, 175, 174
RGB Percent	100%, 69%, 68%
CMY	0.0003, 0.3140, 0.3179
CMYK	0.00, 0.31, 0.32, 0.00
HSL	1°, 100%, 84%
HSV	1°, 32%, 100%
XYZ	64.1582, 54.9284, 47.2274
YIQ	198.8060, 48.0010, 16.6490

Conversions

Conversions Part 2

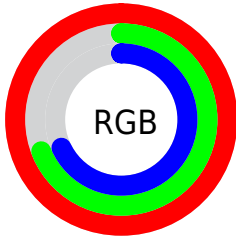
Format	Color
R _Y B	255, 175, 174
Decimal	16756654
CIE Lab	79.00, 29.12, 12.40
CIE LCh	79, 31.653, 23.062
Yxy	54.9284, 0.3858, 0.3303
Android (android.graphics.Color)	4294946734 (0xFFFFFAFAE)
YUV	198.8060, -12.2294, 49.2821
Hunter-Lab	74.1137, 24.8237, 14.0983

Details

The CIELCh color **79, 31.653, 23.062** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 25.327, 199.033**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 8.780, 26.627**, and **59, 31.334, 22.933** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.127, 24.498**, and if you desaturate by 10%, it is **85, 20.866, 21.974**.

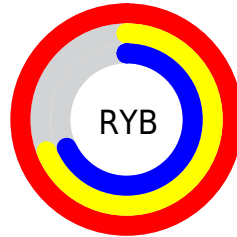
Distribution



Red (100%)

Green (69%)

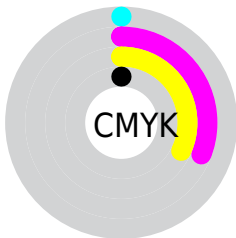
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

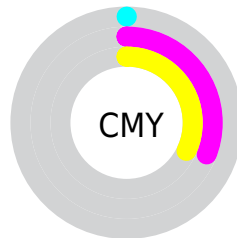


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.653, 23.062 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, 31.653, 23.062 by changing the saturation by 10% instead.

79, 31.653, 23.062

79, 31.653, 23.062

100, 31.653,
23.062

69, 31.653, 23.062

99, 31.653, 23.062

59, 31.653, 23.062

49, 31.653, 23.062

39, 31.653, 23.062

29, 31.653, 23.062

19, 31.653, 23.062

9, 31.653, 23.062

0, 31.653, 23.062

79, 31.653, 23.062

79, 31.653, 23.062

73, 43.127, 24.498

85, 20.866, 21.974

67, 55.132, 26.374

92, 10.840, 21.122

63, 67.381, 28.798

99, 1.568, 20.129

59, 79.456, 31.811

100, 0.029,
222.759

56, 90.711, 35.238

54, 99.809, 38.382

53, 104.401,
40.087

Harmonies

Complementary

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



79, 31.653, 23.062



95, 25.327, 199.033

Rectangle

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



79, 31.653, 23.062



79, 31.653, 73.062



79, 31.653, 203.062



79, 31.653, 253.062

Sweetspot

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



79, 31.651, 23.067



93, 9.146, 20.986



81, 50.657, 326.174



49, 6.275, 21.094



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, 31.651, 23.067



75, 38.735, 23.912



88, 26.667, 71.426



50, 5.189, 20.949



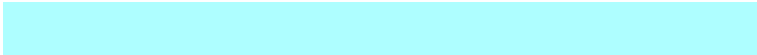
40, 84.058, 40.125



10, 33.109, 27.780

Inverse Universe

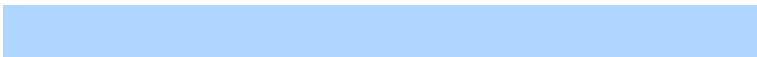
The Inverse Universe completely reimagines the original color for something new.



95, 25.327, 199.033



94, 29.484, 198.814



84, 24.385, 260.560



52, 4.883, 200.049



70, 39.658, 198.331



23, 18.283, 198.093

Previews

White Background



This preview shows how the CIELCh color 79, 31.653, 23.062 looks on a white background.

Color Contrast Check

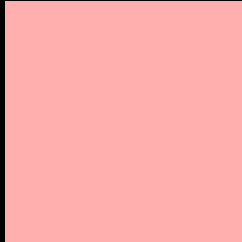
Large Text (above 18pt) WCAG AA × Fail

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 79, 31.653, 23.062 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, 31.653, 23.062

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.653, 23.062.

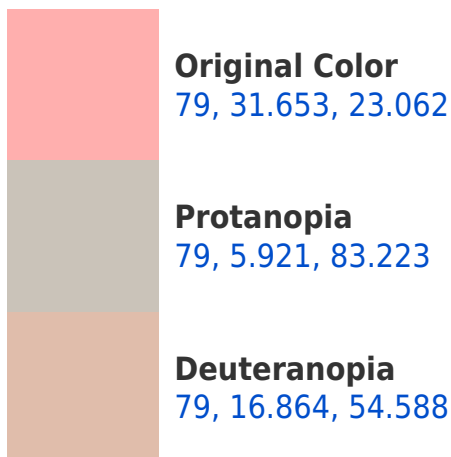


This preview shows how white text looks on a background with the CIELCh color 79, 31.653, 23.062.

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





Tritanopia
79, 31.770, 10.844

Trichromacy



Original Color
79, 31.653, 23.062



Protanomaly
79, 13.279, 36.530



Deuteranomaly
79, 21.242, 38.221

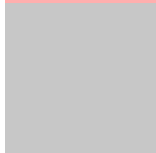


Tritanomaly
79, 31.700, 14.633

Monochromacy



Original Color
79, 31.653, 23.062



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 10.973, 20.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.653, 23.062 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(255, 175, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 174)  
}
```

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(255, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.653, 23.062 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(255, 175, 174) }
```

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

```
.border{ border-color:rgb(255, 175, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.653, 23.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 174) }
```

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

```
.background{ background-color: rgb(255,  
175, 174) }
```

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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