

Converting Colors

CIELCh(96, 3.308, 199.421)

Have a look what the booklet for
CIELCh(96, 3.308, 199.421) contains.

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Color

CIELCh(96, 3.137, 199.405)

Conversions

Conversions Part 1

Format	Color
Hex	ECF5F5
RGB	236, 245, 245
RGB Percent	93%, 96%, 96%
CMY	0.0732, 0.0379, 0.0379
CMYK	0.04, 0.00, 0.00, 0.04
HSL	180°, 32%, 94%
HSV	180°, 4%, 96%
XYZ	83.9863, 90.0078, 99.5986
YIQ	242.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

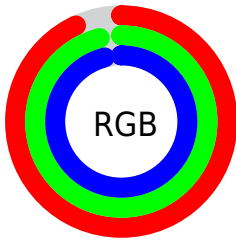
Format	Color
R _Y B	236, 241, 245
Decimal	15529461
CIE _{Lab}	96.00, -2.96, -1.04
CIE _{LCh}	96, 3.137, 199.405
Y _{xy}	90.0078, 0.3070, 0.3290
Android (android.graphics.Color)	4293719541 (0xFFECEF5F5)
Y _{UV}	242.3090, 1.3267, -5.5330
Hunter-Lab	94.8724, -8.0087, 4.1671

Details

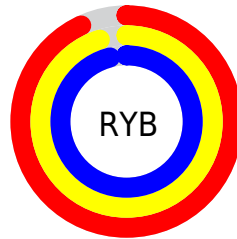
The CIELCh color **96, 3.137, 199.405** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 3.213, 19.392**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 3.286, 199.305** is the 20% darker color. If you saturate the color by 10%, you get **94, 11.397, 198.683**, and if you desaturate by 10%, it is **97, 3.423, 19.384**.

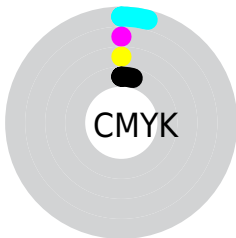
Distribution



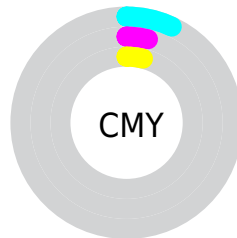
- Red (93%)
- Green (96%)
- Blue (96%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 3.137, 199.405 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 96, 3.137, 199.405 by changing the saturation by 10% instead.

96, 3.137, 199.405

96, 3.137, 199.405

100, 3.137,
199.405

86, 3.137, 199.405

76, 3.137, 199.405

66, 3.137, 199.405

56, 3.137, 199.405

46, 3.137, 199.405

36, 3.137, 199.405

26, 3.137, 199.405

16, 3.137, 199.405

6, 3.137, 199.405

96, 3.137, 199.405

96, 3.137, 199.405

94, 11.397,
198.683

97, 3.423, 19.384

93, 19.119,
198.167

97, 3.423, 19.291

92, 26.164,
197.714

97, 3.423, 19.199

91, 32.393,
197.323

97, 3.423, 19.106

97, 3.423, 19.013

90, 37.681,
196.996

97, 3.424, 18.921

97, 3.424, 18.828

89, 41.934,
196.736

97, 3.424, 18.735

97, 3.424, 18.643

89, 45.105,
196.543

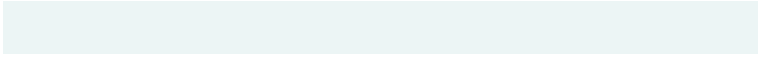
88, 47.209,
196.414

 88, 48.337,
196.342

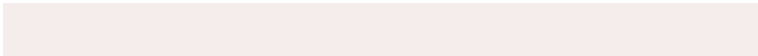
Harmonies

Complementary

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



96, 3.137, 199.405



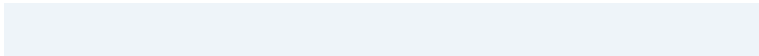
94, 3.213, 19.392

Rectangle

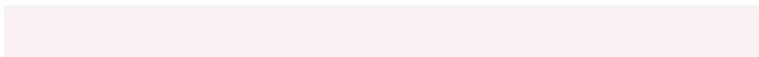
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



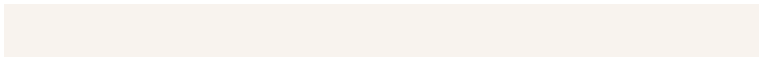
96, 3.137, 199.405



96, 3.137, 249.405



96, 3.137, 19.405



96, 3.137, 69.405

Sweetspot

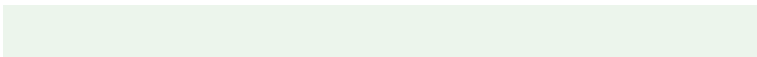
The Sweet Spot groups the original color and five complimentary colors.



96, 3.138, 199.368



100, 0.886, 200.060



96, 5.599, 143.849



53, 0.504, 200.102



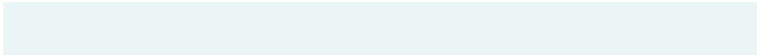
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 3.138, 199.368



99, 3.526, 199.332



95, 2.747, 254.203



51, 2.419, 199.263



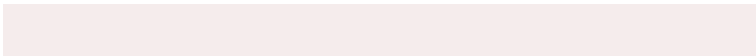
69, 39.573, 196.318



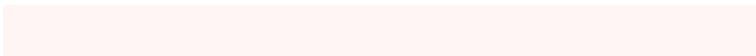
22, 17.594, 196.327

Inverse Universe

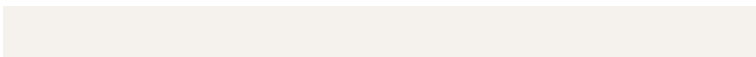
The Inverse Universe completely reimagines the original color for something new.



94, 3.213, 19.392



97, 3.617, 19.430



95, 2.759, 72.993



49, 2.493, 19.505



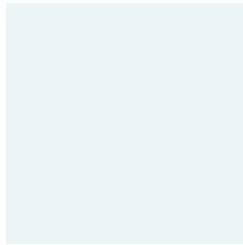
39, 82.530, 39.981



8, 31.022, 24.989

Previews

White Background



This preview shows how the CIE LCh color 96, 3.137, 199.405 looks on a white background.

Color Contrast Check

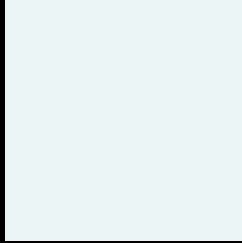
Large Text (above 18pt) WCAG AA × Fail

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 96, 3.137, 199.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

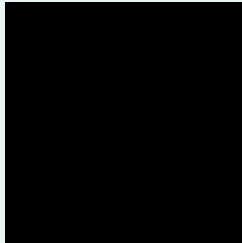
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

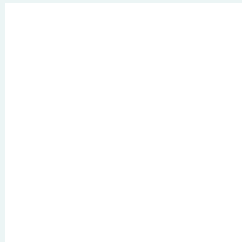
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 3.137, 199.405

Background



This preview shows how black text looks on a background with the CIELCh color 96, 3.137, 199.405.



This preview shows how white text looks on a background with the CIELCh color 96, 3.137, 199.405.

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](#).

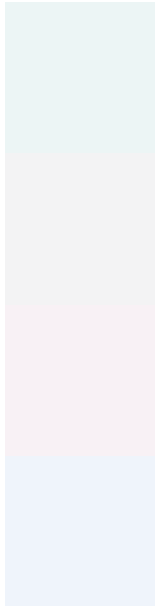
Dichromacy





Tritanopia
96, 6.184, 284.270

Trichromacy



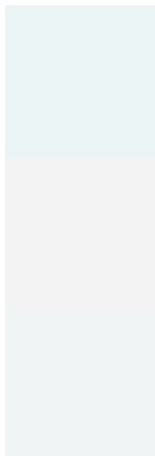
Original Color
96, 3.137, 199.405

Protanomaly
96, 0.523, 290.360

Deuteranomaly
96, 3.233, 340.072

Tritanomaly
96, 3.962, 264.583

Monochromacy



Original Color
96, 3.137, 199.405

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.051, 199.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 3.137, 199.405 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(236, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 245)  
}
```

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(236, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 3.137, 199.405 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(236, 245, 245) }
```

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

```
.border{ border-color:rgb(236, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 3.137, 199.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 245) }
```

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

```
.background{ background-color: rgb(236,  
245, 245) }
```

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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