

Converting Colors

CIELCh(95, 10.425, 323.175)

Have a look what the booklet for
CIELCh(95, 10.425, 323.175)
contains.

CIELCh(95, 10.425, 323.175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 10.425, 323.175)

Conversions

Conversions Part 1

Format	Color
Hex	FCECFD
RGB	252, 236, 253
RGB Percent	99%, 93%, 99%
CMY	0.0125, 0.0752, 0.0086
CMYK	0.00, 0.07, 0.00, 0.01
HSL	296°, 79%, 96%
HSV	296°, 7%, 99%
XYZ	87.7126, 87.6183, 105.0543
YIQ	242.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

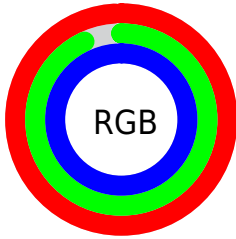
Format	Color
R _Y B	252, 236, 253
Decimal	16575741
CIE Lab	95.00, 8.34, -6.25
CIE LCh	95, 10.425, 323.175
Yxy	87.6183, 0.3128, 0.3125
Android (android.graphics.Color)	4294765821 (0xFFFC ^{CE} FD)
YUV	242.7220, 5.0671, 8.1368
Hunter-Lab	93.6047, 3.4559, -1.0191

Details

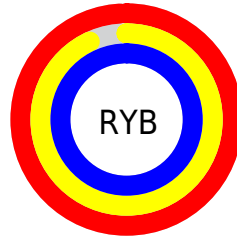
The CIELCh color `95, 10.425, 323.175` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 10.393, 142.524`, and the grayscale version is `96, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 10.292, 323.145` is the 20% darker color. If you saturate the color by 10%, you get `89, 26.078, 323.707`, and if you desaturate by 10%, it is `100, 1.259, 138.297`.

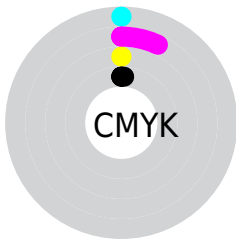
Distribution



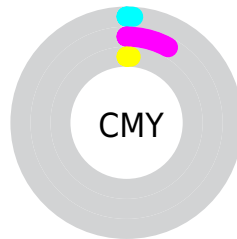
- Red (99%)
- Green (93%)
- Blue (99%)



- Red (99%)
- Yellow (93%)
- Blue (99%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 10.425, 323.175 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 95, 10.425, 323.175 by changing the saturation by 10% instead.


 95, 10.425,
323.175


 95, 10.425,
323.175


 100, 10.425,
323.175


 85, 10.425,
323.175

 75, 10.425,
323.175

 65, 10.425,
323.175

 55, 10.425,
323.175

 45, 10.425,
323.175

 35, 10.425,
323.175

 25, 10.425,

323.175

■ 15, 10.425,
323.175

■ 5, 10.425, 323.175

■ 95, 10.425,
323.175

■ 95, 10.425,
323.175

■ 89, 26.078,
323.707

■ 100, 1.259,
138.297

■ 83, 41.744,
324.219

■ 100, 1.105,
113.998

■ 77, 57.118,
324.706

■ 100, 1.101,
110.025

■ 72, 71.773,
325.149

■ 68, 85.157,
325.526

■ 64, 96.635,
325.811

■ 61, 105.587,
325.983

■ 59, 111.584,
326.024

■ 58, 114.596,
325.933

Harmonies

Complementary

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



95, 10.425, 323.175



98, 10.393, 142.524

Rectangle

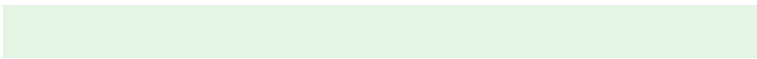
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 10.425, 323.175



95, 10.425, 13.175



95, 10.425, 143.175



95, 10.425, 193.175

Sweetspot

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



95, 10.422, 323.175



99, 3.117, 322.867



94, 8.176, 288.094



53, 1.772, 322.857



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 10.422, 323.175



95, 12.502, 323.245



95, 7.820, 340.693



50, 8.894, 323.326



43, 93.386, 325.924



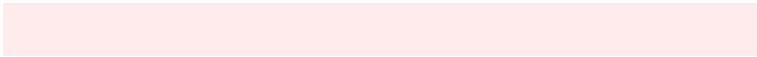
11, 42.941, 326.198

Inverse Universe

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



95, 6.116, 14.923



95, 7.364, 15.045



98, 7.759, 159.756



50, 5.262, 15.185



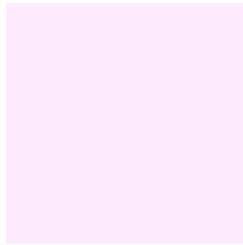
40, 81.782, 37.782



10, 32.897, 24.810

Previews

White Background



This preview shows how the CIE LCh color 95, 10.425, 323.175 looks on a white background.

Color Contrast Check

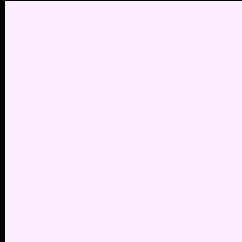
Large Text (above 18pt) WCAG AA × Fail

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 95, 10.425, 323.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

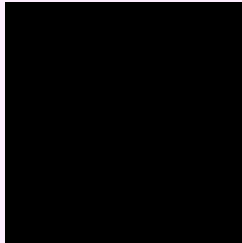
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

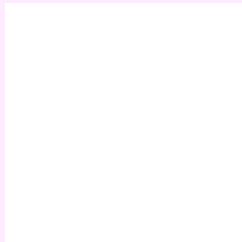
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 10.425, 323.175

Background



This preview shows how black text looks on a background with the CIELCh color 95, 10.425, 323.175.

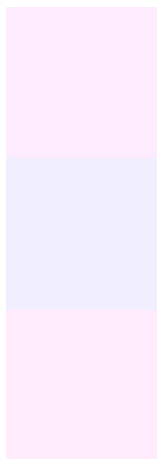


This preview shows how white text looks on a background with the CIELCh color 95, 10.425, 323.175.

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

95, 10.425, 323.175

Protanopia

95, 8.269, 295.594

Deuteranopia

95, 10.862, 330.985



Tritanopia
95, 10.859, 321.717

Trichromacy



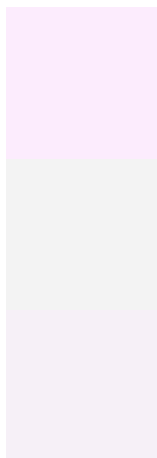
Original Color
95, 10.425, 323.175

Protanomaly
95, 8.613, 307.143

Deuteranomaly
95, 11.037, 327.838

Tritanomaly
95, 10.859, 321.717

Monochromacy



Original Color
95, 10.425, 323.175

Achromatopsia
96, 0.011, 296.813

Achromatomaly
95, 4.194, 320.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 10.425, 323.175 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(252, 236, 253)` looks like.

```
.text, #text, p{  
    color:rgb(252, 236, 253)  
}
```

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(252, 236, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 236, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 10.425, 323.175 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(252, 236, 253) }
```

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

```
.border{ border-color:rgb(252, 236, 253) }
```

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

Here you see how a box with a 4 pixel rgb(252, 236, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 236, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 236, 253);  
box-shadow:4px 4px 4px 4px rgb(252, 236,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 10.425, 323.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 236, 253) }
```

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

```
.background{ background-color: rgb(252,  
236, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor