

Converting Colors

CIELCh(93, 25.214, 123.892)

Have a look what the booklet for
CIELCh(93, 25.214, 123.892)
contains.

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Color

CIElCh(93, 25.572, 124.346)

Conversions

Conversions Part 1

Format	Color
Hex	DFF2C2
RGB	223, 242, 194
RGB Percent	87%, 95%, 76%
CMY	0.1261, 0.0516, 0.2398
CMYK	0.08, 0.00, 0.20, 0.05
HSL	84°, 65%, 85%
HSV	84°, 20%, 95%
XYZ	71.8138, 82.9670, 63.1824
YIQ	230.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

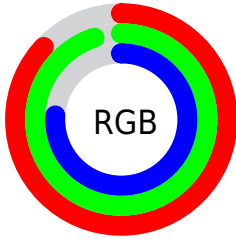
Format	Color
RYB	194, 242, 213
Decimal	14676674
CIELab	93.00, -14.43, 21.11
CIELCh	93, 25.572, 124.346
Yxy	82.9670, 0.3295, 0.3806
Android (android.graphics.Color)	4292866754 (0xFFDFF2C2)
YUV	230.8470, -18.1656, -6.8818
Hunter-Lab	91.0862, -18.6688, 22.6336

Details

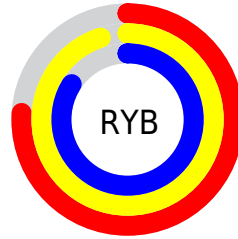
The CIELCh color **93, 25.572, 124.346** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81, 26.446, 306.430**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **73, 25.694, 123.937** is the 20% darker color. If you saturate the color by 10%, you get **92, 38.334, 123.822**, and if you desaturate by 10%, it is **94, 12.693, 124.871**.

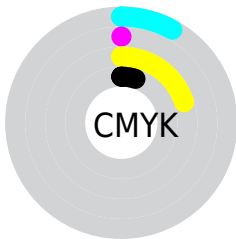
Distribution



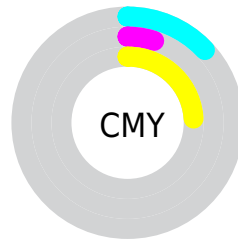
- Red (87%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)





- Cyan (13%)
- Magenta (5%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 25.572, 124.346 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 93, 25.572, 124.346 by changing the saturation by 10% instead.


 93, 25.572,
124.346


 93, 25.572,
124.346


 100, 25.572,
124.346


 83, 25.572,
124.346

 73, 25.572,
124.346

 63, 25.572,
124.346

 53, 25.572,
124.346

 43, 25.572,
124.346

 33, 25.572,
124.346

 23, 25.572,

124.346

■ 13, 25.572,
124.346

■ 3, 25.572, 124.346

■ 93, 25.572,
124.346

■ 93, 25.572,
124.346

■ 92, 38.334,
123.822

■ 94, 12.693,
124.871

■ 91, 50.826,
123.314

■ 95, 0.210, 304.905

■ 90, 62.833,
122.865

■ 97, 7.580, 317.163

■ 97, 8.191, 324.689

■ 89, 74.039,
122.538

■ 88, 83.995,
122.422

■ 88, 92.139,
122.639

■ 87, 97.945,
123.309

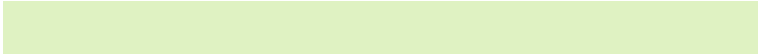
■ 87, 101.443,
124.434

■ 87, 101.491,
124.452

Harmonies

Complementary

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



93, 25.572, 124.346



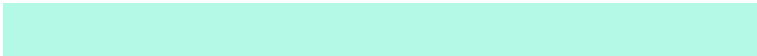
81, 26.446, 306.430

Rectangle

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



93, 25.572, 124.346



93, 25.572, 174.346



93, 25.572, 304.346



93, 25.572, 354.346

Sweetspot

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



93, 25.574, 124.349



99, 8.068, 125.069



87, 14.876, 59.924



53, 5.352, 125.035



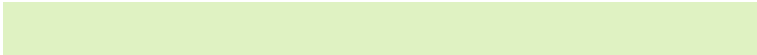
0, 0.000, 0.000



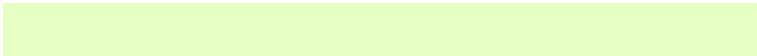
53, 0.007, 296.813

Same Dimension

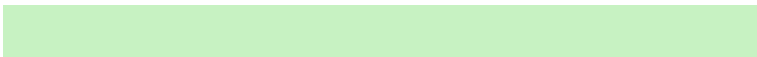
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 25.574, 124.349



97, 32.250, 124.126



91, 29.252, 140.155



50, 7.272, 124.890



68, 82.353, 124.170



21, 34.073, 123.089

Inverse Universe

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



81, 26.446, 306.430



82, 33.605, 306.692



83, 29.410, 322.189



46, 7.393, 305.830



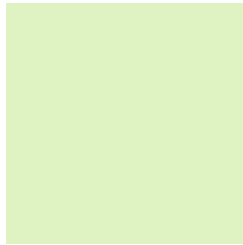
26, 99.649, 309.799



4, 39.198, 308.808

Previews

White Background



This preview shows how the CIELCh color 93, 25.572, 124.346 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 93, 25.572, 124.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

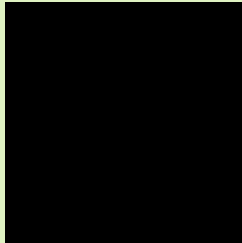
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

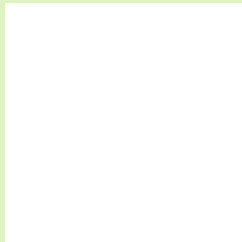
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 25.572, 124.346

Background



This preview shows how black text looks on a background with the CIELCh color 93, 25.572, 124.346.

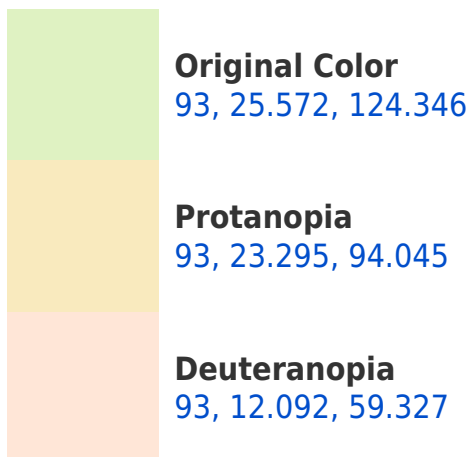



This preview shows how white text looks on a background with the CIELCh color 93, 25.572, 124.346.

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](#).

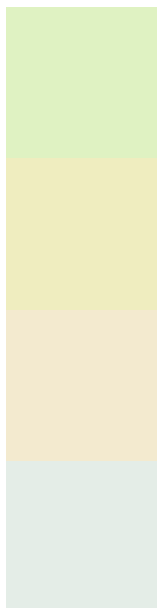
Dichromacy





Tritanopia
93, 9.335, 284.601

Trichromacy



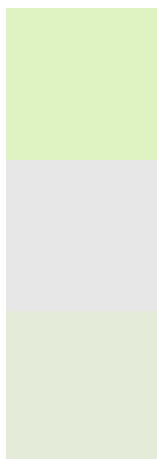
Original Color
93, 25.572, 124.346

Protanomaly
93, 23.550, 106.439

Deuteranomaly
93, 14.265, 95.443

Tritanomaly
93, 4.466, 155.487

Monochromacy



Original Color
93, 25.572, 124.346

Achromatopsia
92, 0.011, 296.813

Achromatomaly
92, 9.630, 124.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 25.572, 124.346 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(223, 242, 194)` looks like.

```
.text, #text, p{  
    color:rgb(223, 242, 194)  
}
```

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(223, 242, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 242, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 25.572, 124.346 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(223, 242, 194) }
```

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

```
.border{ border-color:rgb(223, 242, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 242, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 242, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 242, 194);  
box-shadow:4px 4px 4px 4px rgb(223, 242,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 25.572, 124.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 242, 194) }
```

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

```
.background{ background-color: rgb(223,  
242, 194) }
```

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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