

Converting Colors

CIELCh(91, 25.982, 120.569)

Have a look what the booklet for
CIELCh(91, 25.982, 120.569)
contains.

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Color

CIELCh(91, 25.719, 120.025)

Conversions

Conversions Part 1

Format	Color
Hex	DDEBBA
RGB	221, 235, 186
RGB Percent	87%, 92%, 73%
CMY	0.1326, 0.0776, 0.2698
CMYK	0.06, 0.00, 0.21, 0.08
HSL	77°, 55%, 83%
HSV	77°, 21%, 92%
XYZ	68.5242, 78.4833, 58.0957
YIQ	225.2280, 7.3850, -18.2070

Conversions

Conversions Part 2

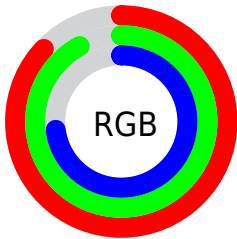
Format	Color
RYB	186, 235, 200
Decimal	14543802
CIELab	91.00, -12.87, 22.27
CIELCh	91, 25.719, 120.025
Yxy	78.4833, 0.3341, 0.3827
Android (android.graphics.Color)	4292733882 (0xFFDDEBBA)
YUV	225.2280, -19.3394, -3.7080
Hunter-Lab	88.5908, -16.9657, 23.1327

Details

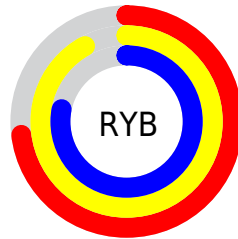
The CIELCh color **91, 25.719, 120.025** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78, 26.807, 302.646**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **71, 25.350, 119.633** is the 20% darker color. If you saturate the color by 10%, you get **90, 37.884, 119.424**, and if you desaturate by 10%, it is **92, 13.403, 120.633**.

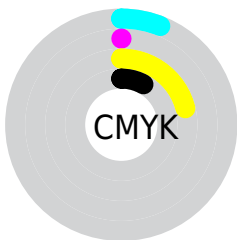
Distribution



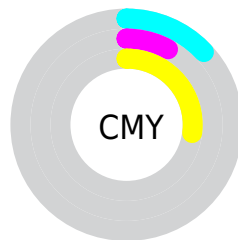
- Red (87%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)





- Cyan (13%)
- Magenta (8%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 25.719, 120.025 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 91, 25.719, 120.025 by changing the saturation by 10% instead.


 91, 25.719,
120.025


 91, 25.719,
120.025


 100, 25.719,
120.025


 81, 25.719,
120.025


 71, 25.719,
120.025

 61, 25.719,
120.025

 51, 25.719,
120.025

 41, 25.719,
120.025

 31, 25.719,
120.025

 21, 25.719,

120.025

■ 11, 25.719,
120.025

■ 1, 25.719, 120.025

■ 91, 25.719,
120.025

■ 91, 25.719,
120.025

■ 90, 37.884,
119.424

■ 92, 13.403,
120.633

■ 89, 49.748,
118.848

■ 93, 1.027, 121.265

■ 89, 61.095,
118.338

■ 94, 10.457,
302.661

■ 88, 71.604,
117.956

■ 95, 11.182,
314.451

■ 95, 12.318,

■ 87, 80.822,
117.785

324.573

■ 87, 88.189,
117.934

■ 95, 12.357,
324.846

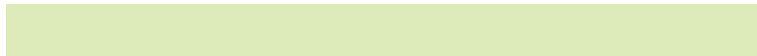
■ 86, 93.209,
118.509

■ 86, 95.864,
119.399

Harmonies

Complementary

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



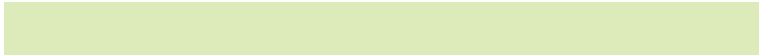
91, 25.719, 120.025



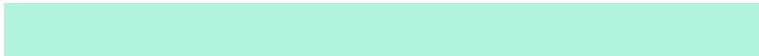
78, 26.807, 302.646

Rectangle

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



91, 25.719, 120.025



91, 25.719, 170.025



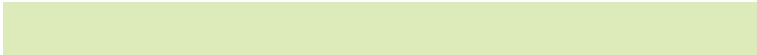
91, 25.719, 300.025



91, 25.719, 350.025

Sweetspot

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



91, 25.721, 120.028



99, 7.920, 120.922



83, 15.445, 48.326



53, 5.254, 120.882



0, 0.000, 0.000



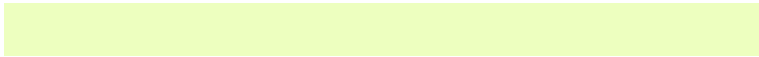
53, 0.007, 296.813

Same Dimension

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



91, 25.721, 120.028



97, 32.895, 119.769



89, 29.100, 137.288



49, 7.011, 120.716



68, 78.691, 119.163



20, 31.760, 118.470

Inverse Universe

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



78, 26.807, 302.646



81, 34.601, 302.979



80, 29.417, 319.225



45, 7.147, 301.842



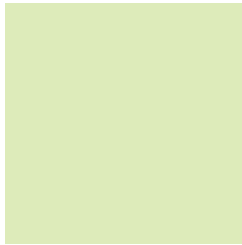
24, 100.637, 308.159



3, 36.586, 304.752

Previews

White Background



This preview shows how the CIELCh color 91, 25.719, 120.025 looks on a white background.

Color Contrast Check

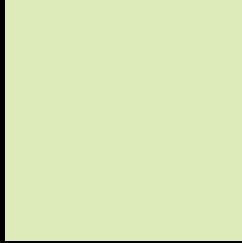
Large Text (above 18pt) WCAG AA × Fail

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 91, 25.719, 120.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

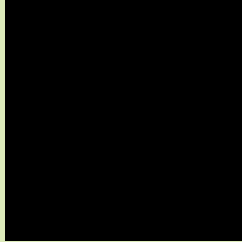
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

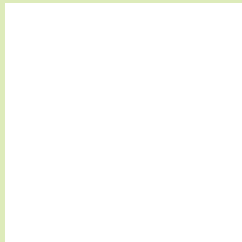
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 25.719, 120.025

Background



This preview shows how black text looks on a background with the CIELCh color 91, 25.719, 120.025.

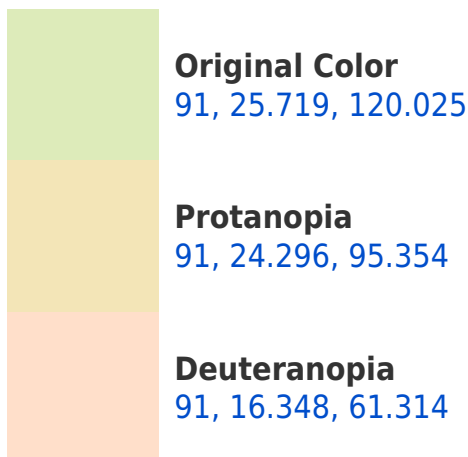


This preview shows how white text looks on a background with the CIELCh color 91, 25.719, 120.025.

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](#).

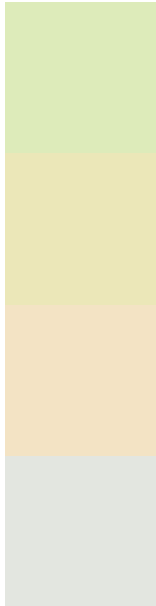
Dichromacy





Tritanopia
91, 9.420, 297.259

Trichromacy



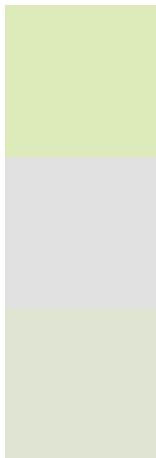
Original Color
91, 25.719, 120.025

Protanomaly
91, 24.203, 104.564

Deuteranomaly
91, 17.127, 88.071

Tritanomaly
91, 3.288, 128.995

Monochromacy



Original Color
91, 25.719, 120.025

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 9.500, 120.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 25.719, 120.025 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(221, 235, 186)` looks like.

```
.text, #text, p{  
    color:rgb(221, 235, 186)  
}
```

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(221, 235, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 235, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 25.719, 120.025 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(221, 235, 186) }
```

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

```
.border{ border-color:rgb(221, 235, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 235, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 235, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 235, 186); box-shadow:4px 4px 4px 4px rgb(221, 235, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 25.719, 120.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 235, 186) }
```

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

```
.background{ background-color: rgb(221,  
235, 186) }
```

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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