

Converting Colors

CIELCh(100, 55.458, 44.985)

Have a look what the booklet for
CIELCh(100, 55.458, 44.985)
contains.

CIELCh(91, 25.404, 79.828)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 25.404, 79.828)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B6
RGB	255, 225, 182
RGB Percent	100%, 88%, 71%
CMY	0.0000, 0.1186, 0.2874
CMYK	0.00, 0.12, 0.29, 0.00
HSL	35°, 100%, 86%
HSV	35°, 29%, 100%
XYZ	76.7942, 78.4833, 55.2043
YIQ	229.0680, 31.6830, -7.0130

Conversions

Conversions Part 2

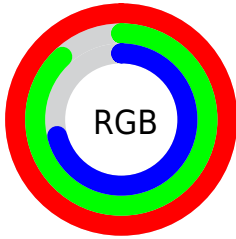
Format	Color
R_{YB}	233, 255, 182
Decimal	16769462
CIE _{Lab}	91.00, 4.49, 25.00
CIE _{LCh}	91, 25.404, 79.828
Yxy	78.4833, 0.3648, 0.3729
Android (android.graphics.Color)	4294959542 (0xFFFFE1B6)
YUV	229.0680, -23.2045, 22.7424
Hunter-Lab	88.5908, -0.3027, 25.0677

Details

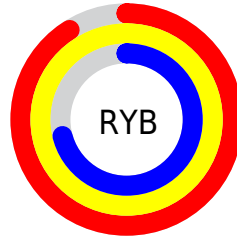
The CIELCh color **91, 25.404, 79.828** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 24.303, 268.821**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **71, 25.080, 81.165** is the 20% darker color. If you saturate the color by 10%, you get **88, 34.584, 79.055**, and if you desaturate by 10%, it is **94, 16.197, 81.782**.

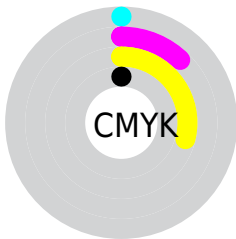
Distribution



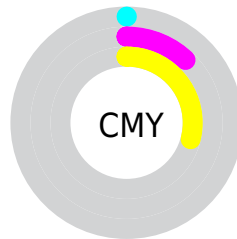
- Red (100%)
- Green (88%)
- Blue (71%)



- Red (91%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 25.404, 79.828 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, 25.404, 79.828 by changing the saturation by 10% instead.

 91, 25.404, 79.828

 91, 25.404, 79.828

 100, 25.404,
79.828

 81, 25.404, 79.828

 71, 25.404, 79.828

 61, 25.404, 79.828

 51, 25.404, 79.828

 41, 25.404, 79.828

 31, 25.404, 79.828

 21, 25.404, 79.828

 11, 25.404, 79.828

 1, 25.404, 79.828

91, 25.404, 79.828

91, 25.404, 79.828

88, 34.584, 79.055

94, 16.197, 81.782

85, 44.125, 77.633

97, 7.426, 83.071

82, 53.737, 76.156

100, 0.012,
296.813

79, 63.115, 74.581

77, 71.687, 72.807

74, 78.508, 70.637

72, 82.675, 67.831

72, 83.127, 67.467

Harmonies

Complementary

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



91, 25.404, 79.828



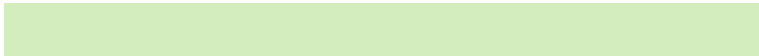
84, 24.303, 268.821

Rectangle

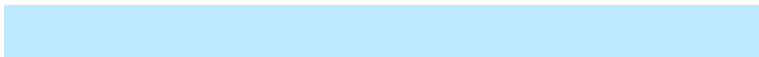
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 25.404, 79.828



91, 25.404, 129.828



91, 25.404, 259.828



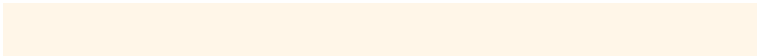
91, 25.404, 309.828

Sweetspot

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



91, 25.255, 80.438



97, 7.653, 83.038



81, 31.288, 351.334



51, 5.331, 82.856



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, 25.255, 80.438



89, 30.132, 79.715



98, 36.889, 111.017



52, 4.839, 82.975



55, 66.856, 68.123



18, 27.286, 70.588

Inverse Universe

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



84, 24.303, 268.821



81, 28.779, 269.914



77, 39.537, 296.477



50, 4.791, 265.563



37, 68.954, 291.601



10, 27.728, 285.773

Previews

White Background



This preview shows how the CIE LCh color 91, 25.404, 79.828 looks on a white background.

Color Contrast Check

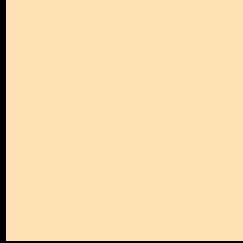
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 25.404, 79.828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

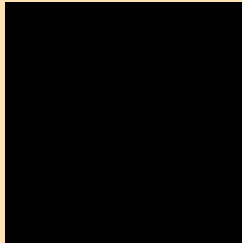
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 25.404, 79.828

Background



This preview shows how black text looks on a background with the CIELCh color 91, 25.404, 79.828.

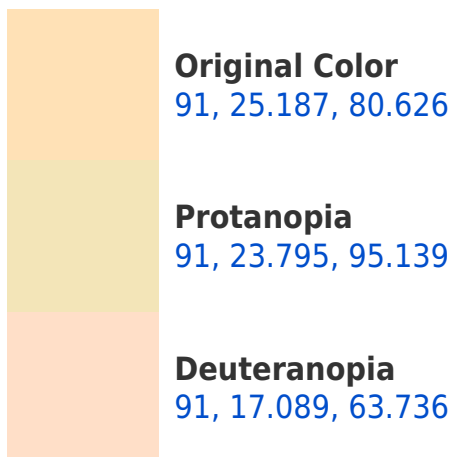



This preview shows how white text looks on a background with the CIELCh color 91, 25.404, 79.828.

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](#).

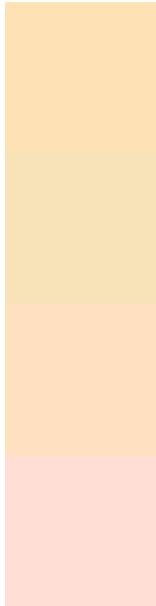
Dichromacy





Tritanopia
91, 14.315, 352.485

Trichromacy



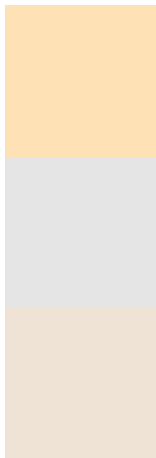
Original Color
91, 25.187, 80.626

Protanomaly
91, 24.005, 89.444

Deuteranomaly
91, 20.050, 72.370

Tritanomaly
91, 12.980, 38.648

Monochromacy



Original Color
91, 25.187, 80.626

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 8.736, 81.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 25.404, 79.828 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, 225, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 182)  
}
```

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, 225, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 25.404, 79.828 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, 225, 182) }
```

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

```
.border{ border-color:rgb(255, 225, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 182); box-shadow:4px 4px 4px 4px rgb(255, 225, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 25.404, 79.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 182) }
```

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

```
.background{ background-color: rgb(255,  
225, 182) }
```

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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