

Converting Colors

CIELCh(90, 5.926, 21.222)

Have a look what the booklet for
CIELCh(90, 5.926, 21.222) contains.

CIELCh(90, 5.833, 24.795)	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(90, 5.833, 24.795)

Conversions

Conversions Part 1

Format	Color
Hex	EFD FDE
RGB	239, 223, 222
RGB Percent	94%, 87%, 87%
CMY	0.0632, 0.1260, 0.1299
CMYK	0.00, 0.07, 0.07, 0.06
HSL	4°, 35%, 90%
HSV	4°, 7%, 94%
XYZ	75.0750, 76.3034, 79.7897
YIQ	227.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

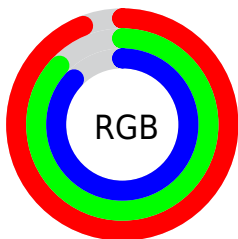
Format	Color
R _Y B	239, 223, 222
Decimal	15720414
CIE Lab	90.00, 5.30, 2.45
CIE LCh	90, 5.833, 24.795
Yxy	76.3034, 0.3248, 0.3301
Android (android.graphics.Color)	4293910494 (0xFFEFD _F D _E)
YUV	227.6700, -2.7953, 9.9364
Hunter-Lab	87.3518, 0.5472, 6.9890

Details

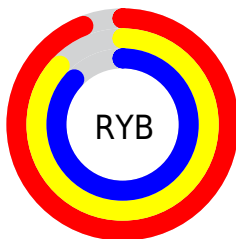
The CIELCh color **90, 5.833, 24.795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **93, 5.571, 204.497**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 5.787, 25.217** is the 20% darker color. If you saturate the color by 10%, you get **84, 14.614, 25.424**, and if you desaturate by 10%, it is **96, 2.269, 204.814**.

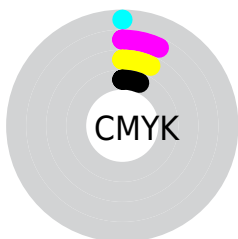
Distribution



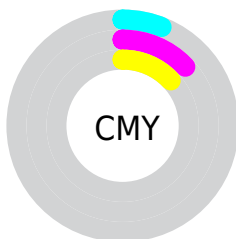
- Red (94%)
- Green (87%)
- Blue (87%)



- Red (94%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 5.833, 24.795 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 90, 5.833, 24.795 by changing the saturation by 10% instead.

 90, 5.833, 24.795

 90, 5.833, 24.795

 100, 5.833, 24.795

 80, 5.833, 24.795

 70, 5.833, 24.795

 60, 5.833, 24.795

 50, 5.833, 24.795

 40, 5.833, 24.795

 30, 5.833, 24.795

 20, 5.833, 24.795

 10, 5.833, 24.795

 0, 5.833, 24.795

90, 5.833, 24.795

90, 5.833, 24.795

84, 14.614, 25.424

96, 2.269, 204.814

78, 24.116, 26.180

99, 5.545, 199.174

72, 34.336, 27.189

67, 45.209, 28.534

62, 56.581, 30.300

58, 68.181, 32.548

54, 79.557, 35.227

52, 89.835, 37.990

51, 97.172, 39.940

Harmonies

Complementary

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



90, 5.833, 24.795



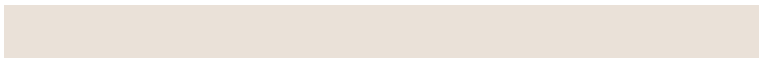
93, 5.571, 204.497

Rectangle

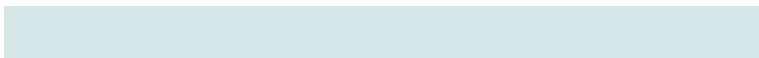
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



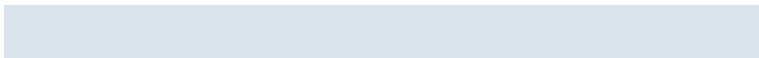
90, 5.833, 24.795



90, 5.833, 74.795



90, 5.833, 204.795



90, 5.833, 254.795

Sweetspot

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



90, 5.832, 24.817



99, 1.693, 24.315



90, 10.376, 326.179



53, 0.962, 24.291



0, 0.000, 0.000



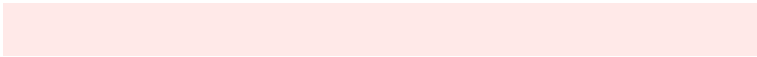
53, 0.007, 296.813

Same Dimension

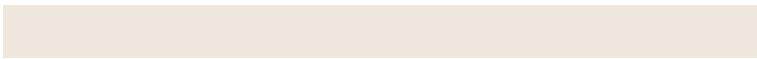
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 5.832, 24.817



94, 7.838, 24.932



92, 5.541, 79.669



47, 4.715, 24.958



39, 80.885, 40.627



8, 28.571, 27.036

Inverse Universe

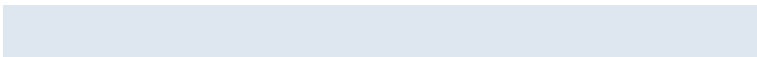
The Inverse Universe completely reimagines the original color for something new.



93, 5.571, 204.497



98, 7.393, 204.412



91, 5.488, 261.637



49, 4.434, 204.394



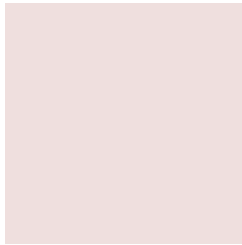
64, 36.257, 206.317



19, 15.978, 204.834

Previews

White Background



This preview shows how the CIELCh color 90, 5.833, 24.795 looks on a white background.

Color Contrast Check

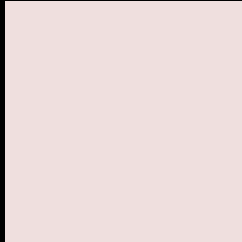
Large Text (above 18pt) WCAG AA × Fail

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 90, 5.833, 24.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

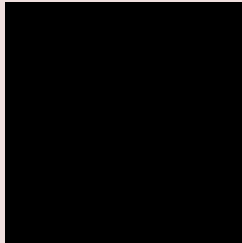
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

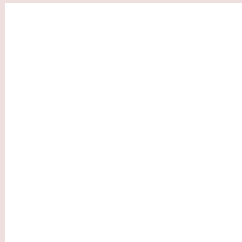
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 5.833, 24.795

Background



This preview shows how black text looks on a background with the CIELCh color 90, 5.833, 24.795.



This preview shows how white text looks on a background with the CIELCh color 90, 5.833, 24.795.

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](#).

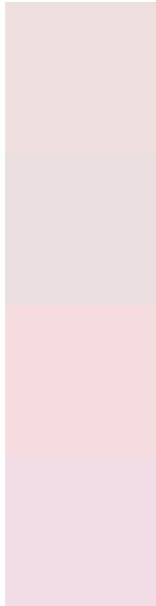
Dichromacy





Tritanopia
90, 12.010, 329.104

Trichromacy



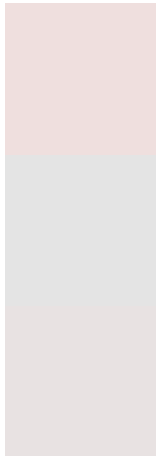
Original Color
90, 5.833, 24.795

Protanomaly
90, 3.645, 27.657

Deuteranomaly
90, 9.609, 10.764

Tritanomaly
90, 8.917, 340.194

Monochromacy



Original Color
90, 5.833, 24.795

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 2.154, 19.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 5.833, 24.795 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(239, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(239, 223, 222)  
}
```

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(239, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 223, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 5.833, 24.795 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(239, 223, 222) }
```

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

```
.border{ border-color:rgb(239, 223, 222) }
```

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

Here you see how a box with a 4 pixel rgb(239, 223, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(239, 223,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 5.833, 24.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 223, 222) }
```

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

```
.background{ background-color: rgb(239,  
223, 222) }
```

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