

Converting Colors

CIELCh(92, 12.106, 139.745)

Have a look what the booklet for
CIELCh(92, 12.106, 139.745)
contains.

CIELCh(92, 12.046, 139.895)	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(92, 12.046, 139.895)

Conversions

Conversions Part 1

Format	Color
Hex	DCEDD9
RGB	220, 237, 217
RGB Percent	86%, 93%, 85%
CMY	0.1377, 0.0710, 0.1495
CMYK	0.07, 0.00, 0.08, 0.07
HSL	111°, 36%, 89%
HSV	111°, 8%, 93%
XYZ	72.2421, 80.7044, 77.3388
YIQ	229.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

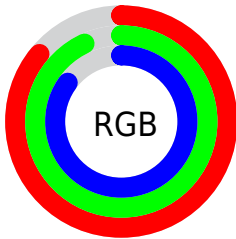
Format	Color
R _Y B	217, 237, 234
Decimal	14478809
CIE Lab	92.00, -9.21, 7.76
CIE LCh	92, 12.046, 139.895
Yxy	80.7044, 0.3137, 0.3505
Android (android.graphics.Color)	4292668889 (0xFFDCEDD9)
YUV	229.6370, -6.2300, -8.4516
Hunter-Lab	89.8356, -13.6701, 11.8426

Details

The CIELCh color **92, 12.046, 139.895** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 12.100, 320.656**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 12.021, 139.568** is the 20% darker color. If you saturate the color by 10%, you get **90, 26.440, 139.329**, and if you desaturate by 10%, it is **94, 2.217, 320.242**.

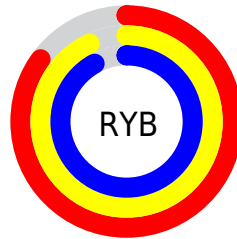
Distribution



Red (86%)

Green (93%)

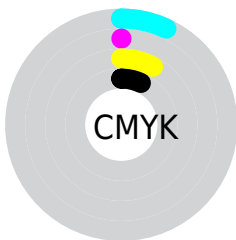
Blue (85%)



Red (85%)

Yellow (93%)

Blue (92%)

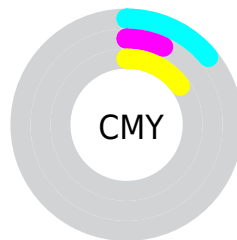


Cyan (7%)

Magenta (0%)

Yellow (8%)

Black (7%)



Cyan (14%)

Magenta (7%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 12.046, 139.895 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 92, 12.046, 139.895 by changing the saturation by 10% instead.

92, 12.046,
139.895

92, 12.046,
139.895

100, 12.046,
139.895

82, 12.046,
139.895

72, 12.046,
139.895

62, 12.046,
139.895

52, 12.046,
139.895

42, 12.046,
139.895

32, 12.046,
139.895

22, 12.046,

139.895

■ 12, 12.046,
139.895

■ 2, 12.046, 139.895

■ 92, 12.046,
139.895

■ 92, 12.046,
139.895

■ 90, 26.440,
139.329

■ 94, 2.217, 320.242

■ 88, 40.801,
138.691

■ 96, 11.296,
324.807

■ 87, 54.915,
137.982

■ 86, 68.489,
137.221

■ 85, 81.133,
136.453

■ 84, 92.341,
135.757

■ 83, 101.506,
135.255

■ 83, 108.037,
135.079

■ 82, 111.734,
135.265

Harmonies

Complementary

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



92, 12.046, 139.895



89, 12.100, 320.656

Rectangle

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



92, 12.046, 139.895



92, 12.046, 189.895



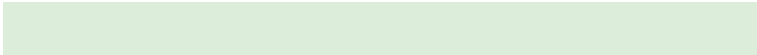
92, 12.046, 319.895



92, 12.046, 9.895

Sweetspot

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



92, 12.048, 139.896



99, 4.521, 140.204



92, 8.806, 102.312



53, 3.431, 140.153



0, 0.000, 0.000



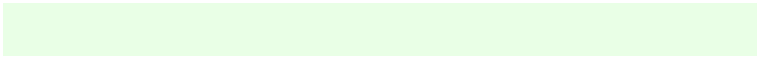
53, 0.007, 296.813

Same Dimension

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



92, 12.048, 139.896



98, 15.163, 139.809



92, 9.840, 155.801



48, 8.048, 139.841



64, 91.550, 135.162



19, 36.971, 135.807

Inverse Universe

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



89, 12.100, 320.656



93, 15.231, 320.734



89, 9.900, 336.948



46, 8.083, 320.706



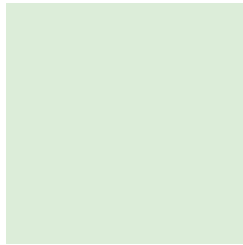
38, 90.454, 322.506



8, 38.590, 323.294

Previews

White Background



This preview shows how the CIELCh color 92, 12.046, 139.895 looks on a white background.

Color Contrast Check

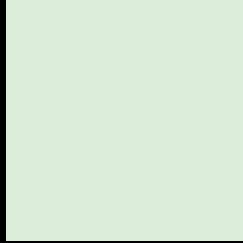
Large Text (above 18pt) WCAG AA × Fail

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 92, 12.046, 139.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

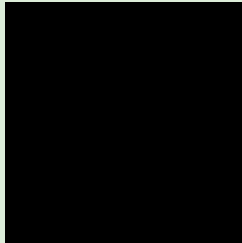
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

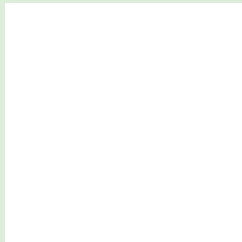
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 12.046, 139.895

Background



This preview shows how black text looks on a background with the CIELCh color 92, 12.046, 139.895.

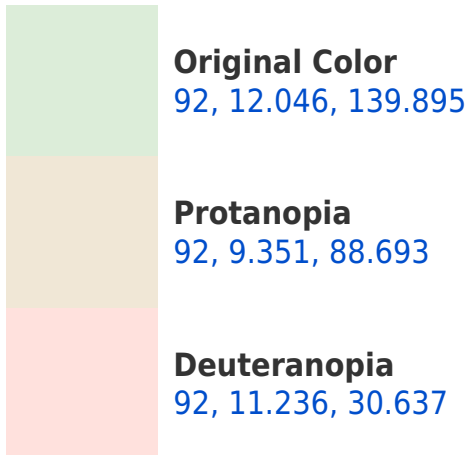


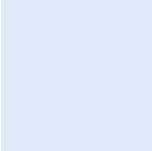
This preview shows how white text looks on a background with the CIELCh color 92, 12.046, 139.895.

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](#).

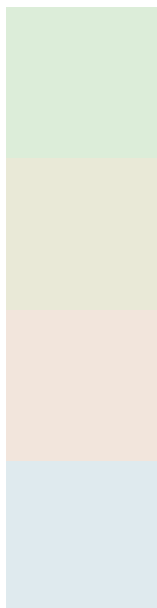
Dichromacy





Tritanopia
92, 9.570, 276.466

Trichromacy



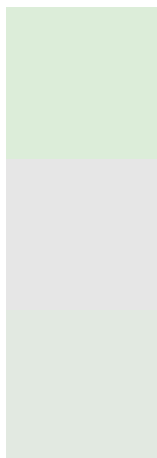
Original Color
92, 12.046, 139.895

Protanomaly
92, 9.268, 109.426

Deuteranomaly
92, 6.624, 63.963

Tritanomaly
92, 4.323, 227.948

Monochromacy



Original Color
92, 12.046, 139.895

Achromatopsia
91, 0.011, 296.813

Achromatomaly
92, 4.850, 140.893

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 12.046, 139.895 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(220, 237, 217)` looks like.

```
.text, #text, p{  
    color:rgb(220, 237, 217)  
}
```

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(220, 237, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 237, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 12.046, 139.895 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(220, 237, 217) }
```

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

```
.border{ border-color:rgb(220, 237, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 237, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 237, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 237, 217);  
box-shadow:4px 4px 4px 4px rgb(220, 237,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 12.046, 139.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 237, 217) }
```

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

```
.background{ background-color: rgb(220,  
237, 217) }
```

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