

Converting Colors

CIELCh(92, 9.895, 142.425)

Have a look what the booklet for
CIELCh(92, 9.895, 142.425) contains.

CIELCh(92, 9.903, 142.424)	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, 9.903, 142.424)

Conversions

Conversions Part 1

Format	Color
Hex	DDECDC
RGB	221, 236, 220
RGB Percent	87%, 93%, 86%
CMY	0.1325, 0.0736, 0.1364
CMYK	0.06, 0.00, 0.07, 0.07
HSL	116°, 30%, 89%
HSV	116°, 7%, 93%
XYZ	72.8923, 80.7044, 79.5981
YIQ	229.6910, -3.8040, -8.1560

Conversions

Conversions Part 2

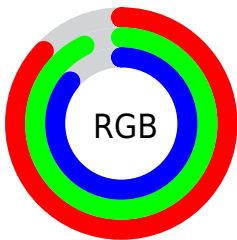
Format	Color
R _Y B	220, 236, 235
Decimal	14544092
CIE Lab	92.00, -7.85, 6.04
CIE LCh	92, 9.903, 142.424
Yxy	80.7044, 0.3126, 0.3461
Android (android.graphics.Color)	4292734172 (0xFFDDECDC)
YUV	229.6910, -4.7777, -7.6220
Hunter-Lab	89.8356, -12.3780, 10.3516

Details

The CIELCh color **92, 9.903, 142.424** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89, 9.933, 323.075**, 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, 9.765, 142.226** is the 20% darker color. If you saturate the color by 10%, you get **90, 24.665, 141.799**, and if you desaturate by 10%, it is **94, 4.689, 322.857**.

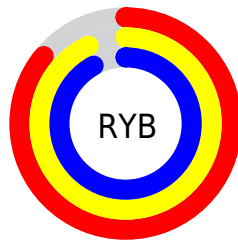
Distribution



Red (87%)

Green (93%)

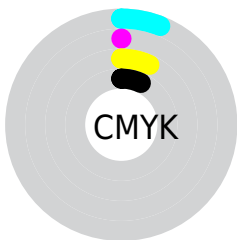
Blue (86%)



Red (86%)

Yellow (93%)

Blue (92%)

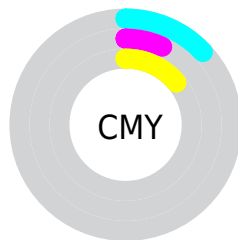


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 9.903, 142.424 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, 9.903, 142.424 by changing the saturation by 10% instead.

 92, 9.903, 142.424

 92, 9.903, 142.424

 100, 9.903,
142.424

 82, 9.903, 142.424

 72, 9.903, 142.424

 62, 9.903, 142.424

 52, 9.903, 142.424

 42, 9.903, 142.424

 32, 9.903, 142.424

 22, 9.903, 142.424

 12, 9.903, 142.424

 2, 9.903, 142.424

92, 9.903, 142.424

92, 9.903, 142.424

90, 24.665,
141.799

94, 4.689, 322.857

88, 39.418,
141.085

95, 11.712,
324.822

87, 53.924,
140.272


85, 67.864,
139.366

84, 80.827,
138.403

83, 92.297,
137.450

83, 101.665,
136.625

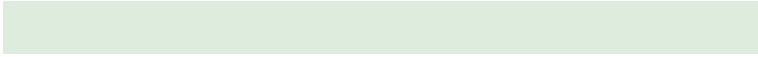
82, 108.332,
136.066

 82, 111.989,
135.869

Harmonies

Complementary

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



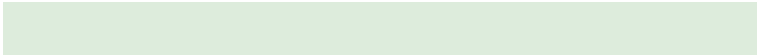
92, 9.903, 142.424



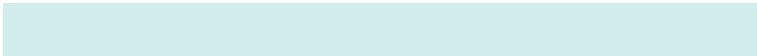
89, 9.933, 323.075

Rectangle

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



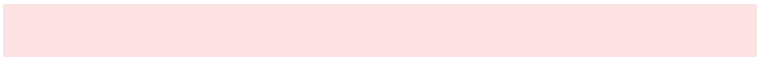
92, 9.903, 142.424



92, 9.903, 192.424



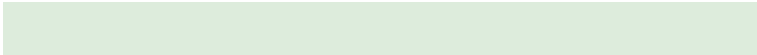
92, 9.903, 322.424



92, 9.903, 12.424

Sweetspot

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



92, 9.905, 142.425



100, 3.092, 142.750



93, 7.685, 106.664



53, 1.758, 142.760



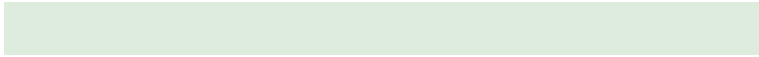
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

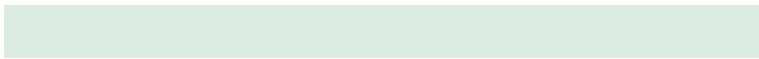
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 9.905, 142.425



98, 12.455, 142.349



92, 7.403, 159.753



48, 8.275, 142.262



64, 92.281, 135.750



18, 37.689, 137.250

Inverse Universe

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



89, 9.933, 323.075



95, 12.488, 323.144



89, 7.461, 340.696



46, 8.296, 323.221



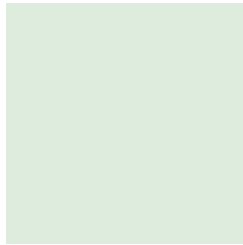
41, 89.677, 325.793



9, 38.377, 326.145

Previews

White Background



This preview shows how the CIELCh color 92, 9.903, 142.424 looks on a white background.

Color Contrast Check

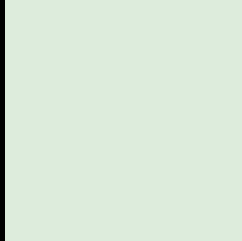
Large Text (above 18pt) WCAG AA × Fail

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 92, 9.903, 142.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

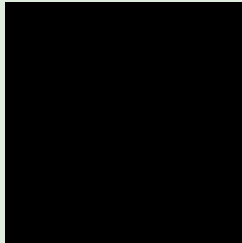
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

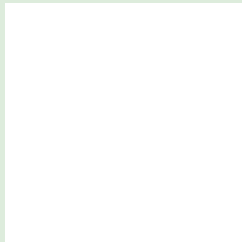
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 9.903, 142.424

Background



This preview shows how black text looks on a background with the CIELCh color 92, 9.903, 142.424.

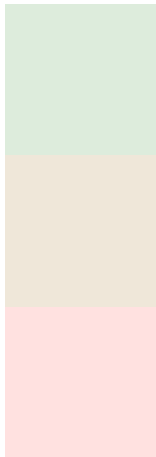


This preview shows how white text looks on a background with the CIELCh color 92, 9.903, 142.424.

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](#).

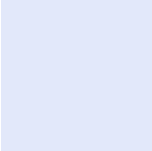
Dichromacy



Original Color
92, 9.903, 142.424

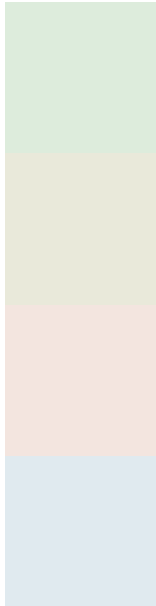
Protanopia
92, 7.770, 87.426

Deuteranopia
92, 11.001, 22.796



Tritanopia
92, 9.498, 278.458

Trichromacy



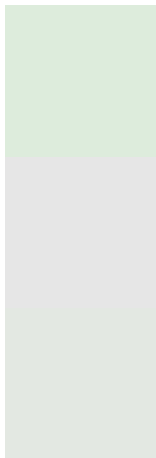
Original Color
92, 9.903, 142.424

Protanomaly
92, 7.724, 109.549

Deuteranomaly
92, 5.944, 50.920

Tritanomaly
92, 4.300, 236.367

Monochromacy



Original Color
92, 9.903, 142.424

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 3.589, 139.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 9.903, 142.424 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, 236, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 236, 220)  
}
```

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, 236, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 236, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 9.903, 142.424 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, 236, 220) }
```

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

```
.border{ border-color:rgb(221, 236, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 236, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 236, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 236, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 236,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 9.903, 142.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 236, 220) }
```

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

```
.background{ background-color: rgb(221,  
236, 220) }
```

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