

Converting Colors

`RYB(114, 222, 130)`

Have a look what the booklet for
RYB(114, 222, 130) contains.

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Color

R_YB(114, 222, 130)

Conversions

Conversions Part 1

Format	Color
Hex	CEDE72
RGB	206, 222, 114
RGB Percent	81%, 87%, 45%
CMY	0.1922, 0.1294, 0.5529
CMYK	0.07, 0.00, 0.49, 0.13
HSL	69°, 62%, 66%
HSV	69°, 49%, 87%
XYZ	54.6121, 66.5793, 25.8923
YIQ	204.9040, 25.1320, -36.9800

Conversions

Conversions Part 2

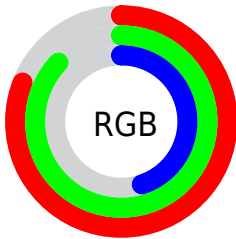
Format	Color
RYB	114, 222, 130
Decimal	13557362
CIELab	85.29, -20.92, 50.73
CIELCh	85, 54.877, 112.414
Yxy	66.5793, 0.3713, 0.4527
Android (android.graphics.Color)	4291747442 (0xFFCEDE72)
YUV	204.9040, -44.8157, 0.9612
Hunter-Lab	81.5961, -23.3235, 38.3032

Details

The RYB color **114, 222, 130** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **130, 114, 222**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **168, 255, 168**, and **62, 167, 79** is the 20% darker color. If you saturate the color by 10%, you get **92, 222, 111**, and if you desaturate by 10%, it is **136, 222, 149**.

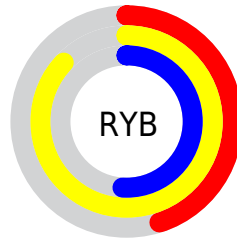
Distribution



Red (81%)

Green (87%)

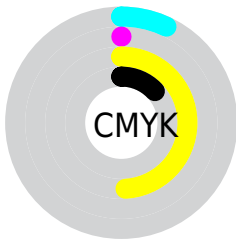
Blue (45%)



Red (45%)

Yellow (87%)

Blue (51%)

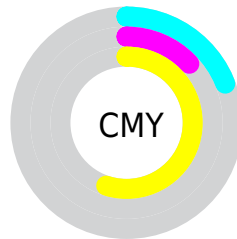


Cyan (7%)

Magenta (0%)

Yellow (49%)

Black (13%)



Cyan (19%)

Magenta (13%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 222, 130 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 RYB color 114, 222, 130 by changing the saturation by 10% instead.

 114, 222, 130

255, 255, 255


 168, 255, 168


 196, 255, 196

 225, 255, 225


254, 255, 254

 114, 222, 130

 88, 194, 104

 62, 167, 79

 35, 141, 54

 0, 115, 19

 0, 90, 20

 0, 67, 22

 0, 45, 26

 0, 26, 26

 0, 0, 0

■ 114, 222, 130

■ 114, 222, 130

■ 92, 222, 111

■ 136, 222, 149

■ 70, 222, 93

■ 158, 222, 167

■ 47, 222, 73

■ 181, 222, 187

■ 25, 222, 54

■ 203, 222, 206

■ 3, 222, 35

■ 222, 222, 225

■ 0, 222, 33

■ 226, 222, 247

■ 229, 222, 255

■ 232, 222, 255

■ 236, 222, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182, 255, 108



114, 222, 130



145, 230, 233

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



114, 222, 130



0, 122, 255



255, 172, 229

Complementary

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



114, 222, 130



130, 114, 222

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 185, 255



114, 222, 130



94, 165, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



114, 222, 130



0, 123, 251



197, 204, 255



255, 173, 176

Rectangle

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



114, 222, 130



92, 183, 238



197, 204, 255



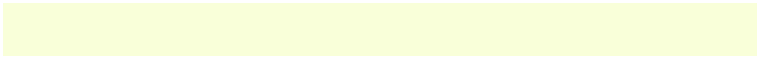
255, 175, 246

Sweetspot

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



114, 222, 130



217, 255, 223



222, 130, 114



105, 128, 109



0, 0, 0



128, 128, 128

Same Dimension

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



114, 222, 130



107, 255, 129



114, 222, 182



101, 112, 102



0, 176, 26



0, 48, 7

Inverse Universe

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



130, 114, 222



129, 107, 255



182, 114, 222



103, 101, 112



26, 0, 176



7, 0, 48

Previews

White Background



This preview shows how the RYB color 114, 222, 130 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 RYB color 114, 222, 130 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](#).

RYB 114, 222, 130 Background



This preview shows how black text looks on a background with the RYB color 114, 222, 130.



This preview shows how white text looks on a background with the RYB color 114, 222, 130.

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](#).

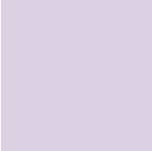
Dichromacy



Original Color
114, 222, 130

Protanopia
138, 235, 111

Deuteranopia
221, 255, 133



Tritanopia
219, 209, 226

Trichromacy



Original Color

114, 222, 130

Protanomaly

121, 224, 112

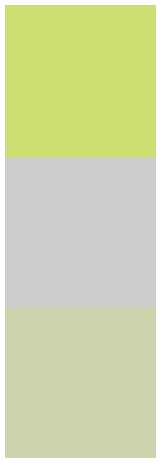
Deuteranomaly

160, 237, 126

Tritanomaly

185, 214, 185

Monochromacy



Original Color

114, 222, 130

Achromatopsia

205, 205, 205

Achromatomaly

172, 211, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 222, 130 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(206, 222, 114)` looks like.

```
.text, #text, p{  
    color:rgb(206, 222, 114)  
}
```

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(206, 222, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 222, 114) }
```

Border

The CSS property to change the border of an element to RYB 114, 222, 130 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(206, 222, 114) }
```

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

```
.border{ border-color:rgb(206, 222, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 222, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 222, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 222, 114);  
box-shadow:4px 4px 4px 4px rgb(206, 222,  
114) }
```

Background

The CSS property to change the background color of an element to RYB 114, 222, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 222, 114) }
```

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

```
.background{ background-color: rgb(206,  
222, 114) }
```

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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